

From: Stanek, Frank
Sent: Monday, November 19, 2018 5:36 PM
To: Eatmon, Keegan; NCR Media RCN (DFO/MPO)
Cc: Waizmann, Victoria; Saindon, Carole; Chow, Vance; Mayrand, Benoit; Hubley, Marian; Trudeau, Miriam; Smith, Fiona; Sloan, Glen; Whiffen, Sam; Dunderdale, Sara
Subject: Fw: for the clips, NL position on Husky's handling of communications related to oil spill

Please add this and any other updated coverage to clips.

Frank
Sent from my BlackBerry 10 smartphone on the Rogers network.

From: FRANK STANEK [REDACTED]
Sent: Monday, November 19, 2018 5:25 PM
To: Stanek, Frank
Subject: for the clips, as well as any updates please Frank

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UPDATED

Newfoundland minister demands answers from Husky after huge offshore oil spill

'They should not be mute,' says Natural Resources Minister Siobhan Coady

CBC News · Posted: Nov 19, 2018 10:40 AM NT | Last Updated: 27 minutes ago



Husky Energy estimates 250,000 litres of oil spilled from a flowline to the FPSO SeaRose Friday.
360 comments

Newfoundland and Labrador's offshore regulator and a provincial cabinet minister are demanding answers from Husky Energy after what's believed to be the largest oil spill in the province's history.

An underwater vehicle took to the sea on Monday to assess the damage, as the Canada-Newfoundland Labrador Offshore Petroleum Board (C-NLOPB) kicked off its investigation into the spill.

- Bad weather still preventing SeaRose spill containment, Husky says
- Oil vessel off the Newfoundland coast spills 250,000 litres of crude

As of Monday afternoon, Husky Energy was refusing media interviews — something that didn't sit well with Natural Resources Minister Siobhan Coady.

"They should not be mute," she told reporters after question period at the House of Assembly. "They should be out giving people [information on] what is happening and what they're doing to mitigate, and what their observations are."



Siobhan Coady is the minister of Natural Resources in Newfoundland and Labrador. (Ted Dillon/CBC)

Husky Energy estimates 250 cubic metres — or 250,000 litres — was spilled from a flowline when the Searose floating production storage and offloading vessel (FPSO) tried to restart oil production on Friday after a vicious storm the day before.

The province was hit with the strongest storm in the world that day, and sea conditions remained hazardous the next day, according to C-NLOPB chief executive officer Scott Tessier.

Waves were recorded at 8.4 metres — about 28 feet — at the time the SeaRose tried to reconnect and start production.

"They were still rough," Tessier told CBC News in an interview Monday afternoon. "We'll investigate this incident thoroughly, and we'll see exactly what the thinking was by the operator in that case."



Scott Tessier is the CEO of the C-NLOPB. (CBC)

According to the C-NLOPB, six vessels are in the area about 350 kilometres south-southeast of St. John's, monitoring for effects and have discovered four oiled birds so far.

A flyover on Monday showed no observable sheen, but Coady said the oil could have dissipated amidst rough seas by now.

The underwater survey by a remote-operated vehicle will seek to determine the current state of the SeaRose and whether it was a "batch spill" of a finite amount of oil, or a continuing leak.

Decision to start up required no approval

Questions have been raised in the House of Assembly as to why the SeaRose would have attempted to reconnect, and who would have made that call.

Tessier said the decision would have been Husky Energy's and did not require approval from the regulatory board.

If they did everything according to protocol, then we need to change the protocol- *Natural Resources Minister Siobhan Coady*

Each oil production company in Newfoundland's offshore makes its own decisions on when they shut down and start up amid rugged seas. They are bound by legislation to develop safety plans for such situations and are required to follow those plans at all times.

Whether or not Husky Energy followed its safety and environmental protection plan remains unknown.

"We, as the regulator, have those questions as well," Tessier said.

Does Husky have 'systemic' problem?

This is the second serious incident by Husky Energy's SeaRose FPSO in the last year.

In January, production on the vessel was suspended by the C-NLOPB because of how the company handled a close call with an iceberg that got too close to the vessel.

"It's difficult to say whether two incidents is a pattern," Tessier said. "These are two serious incidents within a relatively short time-frame. So that's part of our investigation, is to get to the root cause and determine if this is a systemic issue with this operator."

When asked what the potential punishment could be for Husky Energy, Coady gave a stern response.

"The C-NLOPB does have the right to pull the operating licence," she said. "That's the ultimate they could do."

Coady said the provincial government will also investigate the spill, and investigate the C-NLOPB's response to it.



The amount of oil reportedly spilled in the White Rose oil field off the coast of Newfoundland is equivalent to 1,572 barrels of oil, 125,000 bottles of water and 704,225 cans of pop. (CBC Graphics)

If it's determined Husky Energy followed all the rules, Coady said that could still pose a serious problem for the offshore industry.

"If they did everything according to protocol, then we need to change the protocol."

Meanwhile, Tessier said the C-NLOPB feels obligated to stand in front of the cameras and give updates while Husky Energy stays quiet.

"We do our best if the company is not forthcoming," he said. "I'll appear before the media to try to answer the questions the best I can in the public interest."



Bad weather still preventing SeaRose spill containment, Husky says



'It's like playing Russian roulette and the bullet just happened to be in the chamber,' says MUN prof

CBC News · Posted: Nov 17, 2018 11:43 AM NT | Last Updated: November 17



Oil production has been suspended on Husky Energy's SeaRose FPSO following a spill Friday.

A leak from an oil vessel flowline 350 kilometres from St. John's caused 250,000 litres of crude to spill into the sea Friday, and the extraction company responsible says it still can't contain the leak due to poor weather conditions.

Pages 6 to / à 7
are public-denied pursuant to section
est public-refusé en vertu de l'article

68(a)

of the Access to Information Act
de la Loi sur l'accès à l'information

From: Davidson, Fraser
To: David Taylor (dtaylor@nfld.com)
Subject: Drift prediction and the latest spill on the Grand Banks
Date: Friday, November 16, 2018 9:45:00 PM

<https://www.cbc.ca/news/canada/newfoundland-labrador/newfoundland-tanks-oil-spill-husky-1.4909859>

Hi Dave

Did you see this article on a Husky oil spill

Wondering where the drifter and any associated satellite imagery may be found.

Fraser

Fraser JM Davidson

Research Scientist, Physical Oceanography
Oceanography Section

Fraser JM Davidson

Chercheur, Oceanographie Physique
Section Oceanographie

DFO-NAFC, 80 East White hills Rd.

P.O. Box 5667, St. John's, NL. A1C 5X1

Tel: **709-772-2418** Fax. 709-772-5315 [**Fraser.Davidson@dfo-mpo.gc.ca**](mailto:Fraser.Davidson@dfo-mpo.gc.ca)

News article available online:

<https://www.cbc.ca/news/canada/newfoundland-labrador/newfoundland-tanks-oil-spill-husky-1.4909859>



Oil vessel off the Newfoundland coast spills 250,000 litres of crude



Spill being monitored, can't be contained or cleaned up until waves subside

Malone Mullin · CBC News ·

Posted: Nov 16, 2018 7:28 PM NT | Last Updated: November 17



A leak coming from a flowline to the SeaRose, seen in this file photo, can't be contained until ocean conditions settle, the petroleum board says. (Photo courtesy Husky Energy)

An oil spill off the coast of Newfoundland caused an estimated 250,000 litres of crude to leak into the ocean, Husky Energy said Friday.

Pages 10 to / à 12
are public-denied pursuant to section
est public-refusé en vertu de l'article

68(a)

of the Access to Information Act
de la Loi sur l'accès à l'information

Collins, Natasha

From: CNUE / NEEC (EC) <ec.cnue-neec.ec@canada.ca>
Sent: November-16-18 4:08 PM
To: CNUE / NEEC (EC); EnforcementDuty (EC); 'pollutionreports@gov.nl.ca'; Wilhelm, Sabina (EC); Gjerdrum, Carina (EC); Donaldson, Garry (EC); Whittam, Becky (EC); Ronconi, Robert (EC); EC.F EB-WED-ATL F.EC; SQEM Atlantique / MWQM Atlantic (EC); GLF CSSP Closure / PCCSM fermeture GLF (DFO/MPO); Hendry, Christopher; XNFL-GRP_Environmental Incident Reports; dfo.fpp.nl / ppp.t-n-e-l.mpo (DFO/MPO); MCTS Labrador / SCTM Labrador (DFO/MPO)
Cc: Thomas, Graham (EC); Tulen, Lisa (EC)
Subject: **UPDATE** NEEC Incident Notification: NL_2018/11/16_Searose FPSO_South White Rose Extension_Offshore_Oil slick
Attachments: Oil slick_Searose FPSO_South White Rose Extension_Offshore, NL.pdf
Follow Up Flag: Follow up
Flag Status: Completed
PATH SAPH NO: 18-HNFL-00825

Good day,

Please note that the National Environmental Emergencies Centre (NEEC) was informed of the following incident. [See attached updated report.](#)

Mariana Dawe

Agente des opérations de notifications environnementales
Bureau de notifications environnementales, Centre National des Urgences Environnementales (CNUE)
Environnement et Changement climatique Canada | Gouvernement du Canada
mariana.dawe@canada.ca | ec.cnue-neec.ec@canada.ca
Urgences 24/7 : 1-866-283-2333

Environmental Notifications Operations Officer
Environmental Notifications Desk, National Environmental Emergencies Centre (NEEC)
Environment and Climate Change Canada | Government of Canada
mariana.dawe@canada.ca | ec.cnue-neec.ec@canada.ca
Emergencies 24/7: 1-866-283-2333

From: CNUE / NEEC (EC)
Sent: November 16, 2018 12:52 PM
To: EnforcementDuty (EC) <ec.enforcementduty.ec@canada.ca>; 'pollutionreports@gov.nl.ca' <pollutionreports@gov.nl.ca>; Wilhelm, Sabina (EC) <sabina.wilhelm@canada.ca>; Gjerdrum, Carina (EC) <carina.gjerdrum@canada.ca>; Donaldson, Garry (EC) <garry.donaldson@canada.ca>; Whittam, Becky (EC) <becky.whittam@canada.ca>; Ronconi, Robert (EC) <robert.ronconi@canada.ca>; EC.F EB-WED-ATL F.EC <EC.EB-WED-ATL.EC@canada.ca>; SQEM Atlantique / MWQM Atlantic (EC) <ec.sqematlantique-mwqmatlantic.ec@canada.ca>; 'CSSPClosure@dfo-mpo.gc.ca' <CSSPClosure@dfo-mpo.gc.ca>; 'chris.hendry@dfo-mpo.gc.ca' <chris.hendry@dfo-mpo.gc.ca>; 'XNFLenvironmentalincidentreports@dfo-mpo.gc.ca' <XNFLenvironmentalincidentreports@dfo-mpo.gc.ca>
Cc: Thomas, Graham (EC) <graham.thomas@canada.ca>; Tulen, Lisa (EC) <lisa.tulen@canada.ca>
Subject: NEEC Incident Notification: NL_2018/11/16_Searose FPSO_South White Rose Extension_Offshore_Oil slick

Hello,

Please note that the National Environmental Emergencies Centre (NEEC) was informed of the following incident: **Please see report below.**

Regards,

Mohamed Mbengue

Agent des opérations de notifications environnementales

Bureau de notifications environnementales, Centre National des Urgences Environnementales (CNUE)

Environnement et Changement climatique Canada / Gouvernement du Canada

mohamed.mbengue@canada.ca / ec.cnue-neec.ec@canada.ca

Urgences 24/7 : 1-866-283-2333

Environmental Notifications Operations Officer

Environmental Notifications Desk, National Environmental Emergencies Centre (NEEC)

Environment and Climate Change Canada / Government of Canada

mohamed.mbengue@canada.ca / ec.cnue-neec.ec@canada.ca

Emergencies 24/7 : 1-866-283-2333

De : MCTS Labrador / SCTM Labrador (DFO/MPO)

Envoyé : 16 novembre 2018 12:45

À : Allen, Karie ; Andrews, George M ; Birt, Trent ; canutec ; CCG ATL ROC / COR ATL GCC (DFO/MPO) ; CIS ISTOPdesk / SCG Bureau de SIPPS (EC) ; CNLOPB ; Couture, Chris ; Crann, Larry ; Doucet, John ; Dunderdale, Sara ; EC.F Emergencies On Call Duty [Atlantic] F.EC ; ERDutyOfficer / AgentsdeserviceaffectésàIE (DFO/MPO) ; Fukala, John P ; Gallagher, Quinn ; Gaudet, Julien D ; George, Terri Lynn ; Grant, Robert ; Guilbeault, Pierre ; Hayden, Gwen ; Hayden, Gwen ; Ivany, Gary ; Skopalik, Jan-Andrej (Ext.) ; Joly, Jean-Francois BNS, MBA ; jrcchalifax (jrcchalifax@sarnet.dnd.ca) ; Laidlaw, Keith ; PNSAATL, NASPATL (Ext.) ; EARMATl / MARTAtl (EC) ; MART Atlantic temporary ; MCTS Labrador / SCTM Labrador (DFO/MPO) ; Miller, Anne ; Mitchell, Mary ; MRSC St. Johns ; MSOC-East / COSM-Est (DFO/MPO) ; NCC / CCN (DFO/MPO) ; CNUE / NEEC (EC) ; Peet, Neil ; Pelletier, Mario ; Pope, Renee ; Sitcen ; Spurrell, Wade ; tcmsdutyofficer (tcmsdutyofficer@tc.gc.ca) ; Vardy, Harvey ; Walker, Phillip ; Woodford, Jan

Cc : Safety.Placentia (Safety.Placentia@innav.gc.ca)

Objet : Marine Pollution # 180466 Type: oil slick, known source Location: SEAROSE FPSO, offshore NL

Labrador MCTS

709 896 2252

Marine Pollution Report

Report #: 180466

Source of Report: Andy Cooper

Report Date/Time UTC: Nov 16/1711 utc

Phone: [REDACTED]

Email:

Remarks: Andy called from the SEAROSE FPSO

Address:

City: Offshore

Prov: NL

Posn (Lat/Long – If applicable): 46 44.6410N 048 00.6477W

Type (oil/diesel/chemical): oil slick

Weather: wind Northwest 45 knots, seas 8.4 metres.

Details:

November 16/1711 utc, Andy Cooper called from Husky Energy on the SEAROSE FPSO. Around 1220 local time (1550 utc) today, standby vessel ATLANTIC HAWK was dispatched to South White Rose Extension, to investigate issues with pressurization on flow line. When HAWK got on site they identified an oil slick about 1 mile long. At the time, they had whole area isolated. Nothing visible on surface now, slick broke up with waves.

Ship Data

Ship Name: SEAROSE FPSO

Callsign: VOXS

Vsl Type: Merchant (tanker)

POB:

LOA: 272.0 metres

GRT: 93984

Port of Registry: St. John's NL

Reg #:

Cargo:

Last port/Destination:

Owner/Agent:

Agencies Advised

Agency	TF (UTC)	Email
Environment Canada	1715 utc	EMAIL
Sr Response Officer	1716 utc	EMAIL
MCTS Placentia / VCP	1717 utc	EMAIL

JRCC		EMAIL
MRSC		EMAIL
DFO Communications		EMAIL
Marine Safety		EMAIL
TSB Dartmouth		EMAIL
ROC Duty Officer		EMAIL
Dept of Environment NL		
Dept of Environment NS		
Dept of Environment NB		
Dept of Environment PEI		
Halifax Port Authority		
Queen's Harbour Master		
Conservation & Protection		
CNLOPB		email
CNSOPB		
Other		

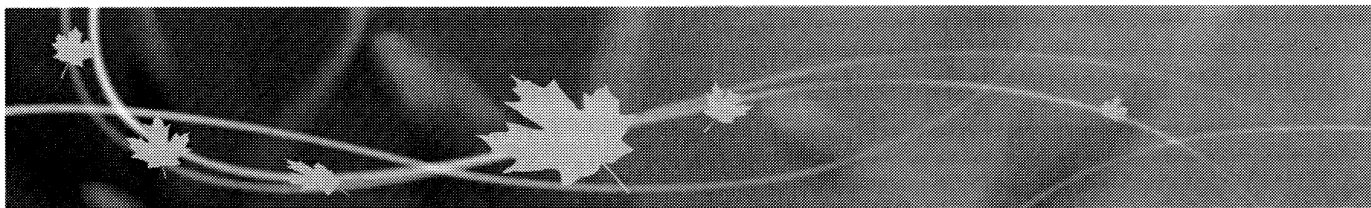
Regards,
 Marine Pollution Reporting Desk
 Labrador MCTS
 709-896-2252



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Climate Change Canada

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National Environmental Emergencies Centre (NEEC)
ec.cnue-neec.ec@canada.ca | 1-866-283-2333



INCIDENT REPORT

NEEC Incident Number: NL-20181116-06982-18

Oil slick_Searose FPSO_South White Rose
Extension_Offshore, NL

Classification: Pollution - Resource
Extraction - Offshore Facility

Incident Date/Time (Incident local): 2018/11/16 12:20

Notification Date/Time (Montreal, QC local): 2018/11/16 12:13

Substance	Qty	Unit
Hydrocarbon (NOS)	Unknown	N/A

Reported By: Andy Cooper
Husky Energy

Description: November 16/1711 utc, Andy Cooper called from Husky Energy on the SEAROSE FPSO. Around 1220 local time (1550 utc) today, standby vessel ATLANTIC HAWK was dispatched to South White Rose Extension, to investigate issues with pressurization on flow line. When HAWK got on site they identified an oil slick about 1 mile long. At the time, they had whole area isolated. Nothing visible on surface now, slick broke up with waves.

Update: UPDATE – CALL received at NEEC at 13h42 (MD) – Ken Taylor from Canada-Newfoundland Offshore Petroleum Board (phone number 709 778 1475) reports that spill is dispersing at the site and there are no further indications of new oil. Tracker buoys have been released. It is reported that at 14h local time (1730 UTC) it was 7.27 m. significant, and 11.5 m. maximum wave height; and that the wind was 29.8 knt. at 305° gusting to 34.5 knt. PAL Provincial Airlines are currently doing the overflight. Mr. Taylor is expecting to talk to the main contact at Husky Energy in 30 min to get another update. He will contact Graham Thomas shortly to update him as well.

Address: South White Rose Extension **City:** Offshore **Prov:** NL - Newfoundland and Labrador

Coordinates: 46.744017 -48.010795

Location: Searose FPSO

Notification to Stakeholders:

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Created By: Mohamed Mbengue (EC NEEC-EC CNUE)

Report Generated On: 11/16/2018 2:33:52 PM

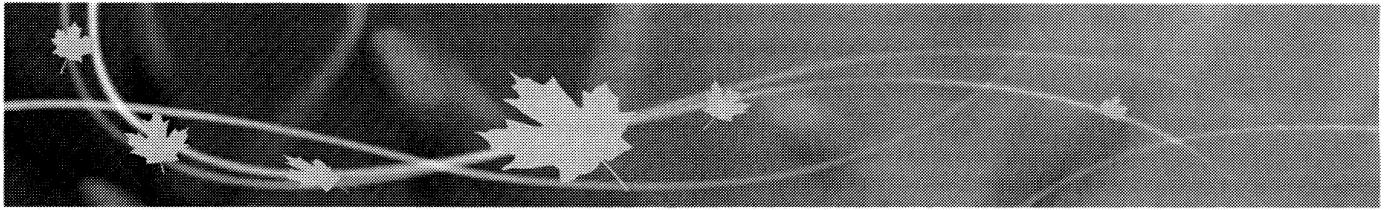
Page 1 of 2



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Canadian Wildlife Service (CWS)
Department of Fisheries and Oceans (DFO)
EC Environmental Enforcement Directorate (EED)
EC Marine Water Quality Monitoring Program (MWQM)
EC Wildlife Enforcement Directorate (WED)
Service NL

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Created By: Mohamed Mbengue (EC NEEC-EC CNUE)

Report Generated On: 11/16/2018 2:33:52 PM

Page 2 of 2

Canada 000017

Crann, Larry

From: Tessier, Scott <STessier@cnlopb.ca>
Sent: November-16-18 8:41 PM
To: Okeefe, Jeff; Young, Elizabeth; Taylor, Ken; Burley, Dave
Cc: Crann, Larry; Rideout, Lesley
Subject: Re: follow-up with Husky and tomorrow's plans

Thanks Jeff and thank you for the assistance, Larry. -- Scott

On November 16, 2018 at 7:47:36 PM NST, Okeefe, Jeff <JOkeefe@cnlopb.ca> wrote:

Scott

Update

Talked with Husky (Pete LeMessurier and Conrad Gregory) in the last half hour

· The Pal flight video is in and we will be looking at it in the morning (Ken and I)

· There is a Husky supply vessel (Dispatcher)going out to the White rose field early tomorrow morning which will have wildlife observer from ECRC on it

It will arrive late in the afternoon but will be out there for Sunday observations

· The Atlantic Hawk will have relief from stand by duty for Sea Rose from a vessel which leaving tonight from St Johns with the supplies for the Henry Goodrich

After the relief arrives, The Atlantic Hawk will spend time tomorrow afternoon in the spill area doing observations. The bridge crew from the Hawk have all been trained in

Wildlife observation

· There is another PAL flight scheduled for tomorrow at 1:00 pm and Husky asked us do we want to put someone in the observer seat on the flight

We called Larry Crann with Coast Guard and Coast Guard will put one of their personal, Bruce English, on the flight as our observer

He has done this many times for Coast Guard and he can give us his view

I have phone Pete back told them to expect Bruce to be at the Pal hanger tomorrow as our rep on the flight.

I will find out later who the wildlife observer from ECRC will be going out in the field tomorrow

I will give you an update in the morning when ken and I see the Pal video

Jeff O'Keefe P.Eng P.Geo

Director of Resource Management and Chief Conservation Officer

t. 709 778 1406

c. 

f. 709 778 1432

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**Pages 20 to / à 21
are withheld pursuant to sections
sont retenues en vertu des articles**

19(1), 24(1)

**of the Access to Information Act
de la Loi sur l'accès à l'information**

White, Ann-Margaret

From: White, Ann-Margaret
Sent: November-16-18 7:21 PM
To: Llewellyn, Don
Subject: Fw: Approved: Incident Initial Notification, ER Atlantic, SEAROSE FPSO release estimated 250 cubic meters of crude

From: White, Ann-Margaret <Ann-Margaret.White@dfo-mpo.gc.ca>
Sent: Friday, November 16, 2018 6:31 PM
To: Spurrell, Wade
Subject: Fw: Approved: Incident Initial Notification, ER Atlantic, SEAROSE FPSO release estimated 250 cubic meters of crude

From: White, Ann-Margaret <Ann-Margaret.White@dfo-mpo.gc.ca>
Sent: Friday, November 16, 2018 6:18 PM
To: Yard, David C
Cc: Vardy, Harvey
Subject: Approved: Incident Initial Notification, ER Atlantic, SEAROSE FPSO release estimated 250 cubic meters of crude

Approved, please proceed.

Thanks,
Ann-Margret White
A/AC

From: Yard, David C
Sent: Friday, November 16, 2018 6:09 PM
To: White, Ann-Margaret
Cc: Vardy, Harvey
Subject: Incident Initial Notification, ER Atlantic, SEAROSE FPSO release estimated 250 cubic meters of crude

Subject: Incident Initial Notification, ER Atlantic, SEAROSE FPSO offshore NL.

Description of threat/event: At 15:30 Local Time, 16/11/2018, the SEAROSE FPSO reported losing approximately 250 cubic meters of crude while circulating crude through their subsea line in preparation to go back in production after being shut down for the recent powerful storm.

Anticipated Media Attention: NTV news has reported on this.

Program Reporting: CCG Environmental Response

Current CCG Actions: *CCG ER has contacted CNLOPB, the Lead Agency, who are working with the owner/operator, Husky Energy. PAL has also been contacted and have completed an overflight today.*

Current Actions (other): *Husky Energy and CNLOPB have met and started to produce an action plan. ECRC has been activated. ECCC, CWS and CCG ER have been briefed by the CNLOPB. PAL was contracted by Husky to complete an over flight today reporting observing a sheen of 3 cubic meters.*

Initial analysis/impact assessment on CCG: *No impact on CG programs.*

Notification provided to: *Regular distribution of information.*

Next Steps: *CCG ER remains in contact with CNLOPB, as they conduct their assessment of the incident, in the event CCG assistance is required. A significant storm event has been in the area over last few days and conditions currently, seas 6-8 meters and winds at 45 knots with another system moving through over weekend. Weather conditions on site are preventing a ROV from being deployed to investigate the source. CNLOPB suggest may be Monday before able to deploy ROV due to weather and ECCC is working on mass balance and trajectory modelling for incident. Largest amount of oil reported to date on surface of the water by surveillance aircraft is 3 cubic meters. Surveillance of the site will continue.*

DISCLAIMER **This Information is preliminary and subject to change. Further, the information given for some occurrences may not have been verified/validated by CCG. Therefore, caution should be used when using this information.

Bieger, Tilman

From: Bieger, Tilman
Sent: November-16-18 6:11 PM
To: Chute, Christie; Campbell, Danna
Cc: Finn, Ray
Subject: FW: RE: DUTY OFFICER - Husky - SeaRose FPSO - Oil Observed in the Vicinity of the SWRX Drill Centre During Start Up Operations (Post Storm Event)

FYI there appears to have been a release of oil from the Husky Floating Production Storage and Offloading platform at the Whiterose offshore project. Appears to be from the platform/drill centre and not from the subsea reservoir.

-----Original Message-----

From: Perry, Jacqueline
Sent: November-16-18 6:04 PM
To: Finn, Ray; Bieger, Tilman
Cc: Pike, Kelly J
Subject: FW: RE: DUTY OFFICER - Husky - SeaRose FPSO - Oil Observed in the Vicinity of the SWRX Drill Centre During Start Up Operations (Post Storm Event)

FYI

Annette

-----Original Message-----

From: Tessier, Scott [mailto:STessier@cnlopb.ca]
Sent: 2018-November-16 4:23 PM
To: Perry, Jacqueline; 'Carter, Chris'; Gardiner, Timothy (NRCan/RNCan); McIntosh, Gordon
Subject: Fwd: RE: DUTY OFFICER - Husky - SeaRose FPSO - Oil Observed in the Vicinity of the SWRX Drill Centre During Start Up Operations (Post Storm Event)

We just met with Husky. Current estimate of product lost is 250m3 (250,000L) of crude oil. Hard to say exactly what has happened as weather precludes ROV deployment. ECRC is engaged but hard to know what can be done to recover oil in these conditions. Our guys will talk to the federal NEEC. We'll issue an incident bulletin this evening and will stay in touch as we go. Call my cell as needed, [REDACTED] -- Scott

On November 16, 2018 at 2:45:04 PM NST, Scott Tessier <STessier@cnlopb.ca> wrote:

Fyi. Probably not reservoir oil (see second last statement below). Husky is coming over to meet with us at 3:30. -- Scott

----- Forwarded message -----

From: Taylor, Ken <KTaylor@cnlopb.ca>
Date: November 16, 2018 at 2:31:33 PM NST

s.19(1)

Subject: RE: DUTY OFFICER - Husky - SeaRose FPSO - Oil Observed in the Vicinity of the SWRX Drill Centre During Start Up Operations (Post Storm Event)
To: _DutyCallDistributionList <_DutyCallDistributionList@cnlopb.ca>

I spoke to Sandy Cooper, HSE Advisor for Husky [REDACTED] at 2:10 pm and have some additional information based on his 13:28 update from SeaRose OIM.

Atlantic Hawk is at spill site but is having trouble seeing spreading spill on water due to sea state. They do note that there are no further indications of new oil reaching the surface. Tracker buoys have been released.

Sea State at 17:30 UTC (2:00 pm local) was 7.27m significant 11.5m maximum wave height.

Wind 29.8 kt at 305° gusting to 34.5 kt {at anemometer height which is probably helideck}

ECRC personnel now at Husky EOC.

PAL surveillance flight was scheduled wheels up 14:00 (local) for overflight.

"Hot Oiling" is circulation of heated oil from SeaRose to drill centre and back via flowlines. This had been underway for approximately 1 hour when pressure loss was noted.

Sandy will provide updates to me at 778-1475.

Thanks,

Ken Taylor

From: Rex, Sherry
Sent: Friday, November 16, 2018 1:44 PM
To: _DutyCallDistributionList <_DutyCallDistributionList@cnlopb.ca>
Subject: RE: DUTY OFFICER - Husky - SeaRose FPSO - Oil Observed in the Vicinity of the SWRX Drill Centre During Start Up Operations (Post Storm Event)

s.19(1)

Correction – Eastern Canada Response Corporation (ECRC)

From: Rex, Sherry

Sent: Friday, November 16, 2018 1:40 PM


To: _DutyCallDistributionList <_DutyCallDistributionList@cnlopb.ca>

Subject: DUTY OFFICER - Husky - SeaRose FPSO - Oil Observed in the Vicinity of the SWRX Drill Centre During Start Up Operations (Post Storm Event)

Importance: High

At 1:15 pm Sandy Cooper, HSE Advisor for Husky, called to report a potential spill from the South White Rose Extension (SWRX) drill centre. At 12:20 PM an issue with the pressure on a flowline was discovered when they were in the process of hot oiling operations (part of the start up procedure). After 20 minutes of troubleshooting with onshore personnel, the Atlantic Hawk (standby vessel) was dispatched to conduct a surface survey of the area. When the Hawk reached the SWRX area they noticed what appeared to be a mile long indication of oil. Husky isolated the drill centre and activated their onshore Emergency Response Team. JRCC and CCG have been notified. They have also requested that a member of the ECRC (East Coast Response Corporation – spill response contractor) attend their emergency operations centre at 351 Water Street. They have requested that a tracker buoy be deployed from the Atlantic hawk to track spill trajectory. They are of the view that the issue has been isolated and there is no chance for escalation.

I have relayed this information verbally to the CSO at 1:32 PM.

Sandy's contact information is 

Sherry Rex

Safety Officer

C-NLOPB

5th Floor, TD Place, 140 Water Street

St. John's, NL A1C 6H6

t. 709 778 4266

twitter @CNLOPB

www.cnlopb.ca<<http://www.cnlopb.ca>>

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Kelly, Jason

From: Kelly, Jason
Sent: November-16-18 6:47 PM
To: Bieger, Tilman; Edison, Margo
Cc: Finn, Ray
Subject: Re: DUTY OFFICER - Husky - SeaRose FPSO - Oil Observed in the Vicinity of the SWRX Drill Centre During Start Up Operations (Post Storm Event)

Ok thanks. Please keep me updated

Jason

Sent from my BlackBerry 10 smartphone on the Bell network.

Original Message

From: Bieger, Tilman
Sent: Friday, November 16, 2018 6:06 PM
To: Edison, Margo; Kelly, Jason
Cc: Finn, Ray
Subject: FW: RE: DUTY OFFICER - Husky - SeaRose FPSO - Oil Observed in the Vicinity of the SWRX Drill Centre During Start Up Operations (Post Storm Event)

You may already be aware but FYI and possible forwarding

-----Original Message-----

From: Perry, Jacqueline
Sent: November-16-18 6:04 PM
To: Finn, Ray; Bieger, Tilman
Cc: Pike, Kelly J
Subject: FW: RE: DUTY OFFICER - Husky - SeaRose FPSO - Oil Observed in the Vicinity of the SWRX Drill Centre During Start Up Operations (Post Storm Event)

FYI

Annette

-----Original Message-----

From: Tessier, Scott [mailto:STessier@cnlopb.ca]
Sent: 2018-November-16 4:23 PM
To: Perry, Jacqueline; 'Carter, Chris'; Gardiner, Timothy (NRCan/RNCan); McIntosh, Gordon
Subject: Fwd: RE: DUTY OFFICER - Husky - SeaRose FPSO - Oil Observed in the Vicinity of the SWRX Drill Centre During Start Up Operations (Post Storm Event)

We just met with Husky. Current estimate of product lost is 250m3 (250,000L) of crude oil. Hard to say exactly what has happened as weather precludes ROV deployment. ECRC is engaged but hard to know what can be done to recover oil in these conditions. Our guys will talk to the federal NEEC. We'll issue an incident bulletin this evening and will stay in touch as we go. Call my cell as needed, [REDACTED] -- Scott

s.19(1)

On November 16, 2018 at 2:45:04 PM NST, Scott Tessier <STessier@cnlopb.ca> wrote:
Fyi. Probably not reservoir oil (see second last statement below). Husky is coming over to meet with us at 3:30. -- Scott

----- Forwarded message -----

From: Taylor, Ken <KTaylor@cnlopb.ca>
Date: November 16, 2018 at 2:31:33 PM NST
Subject: RE: DUTY OFFICER - Husky - SeaRose FPSO - Oil Observed in the Vicinity of the SWRX Drill Centre During Start Up Operations (Post Storm Event)
To: _DutyCallDistributionList <_DutyCallDistributionList@cnlopb.ca>

I spoke to Sandy Cooper, HSE Advisor for Husky [REDACTED], at 2:10 pm and have some additional information based on his 13:28 update from SeaRose OIM.

Atlantic Hawk is at spill site but is having trouble seeing spreading spill on water due to sea state. They do note that there are no further indications of new oil reaching the surface. Tracker buoys have been released.

Sea State at 17:30 UTC (2:00 pm local) was 7.27m significant 11.5m maximum wave height.

Wind 29.8 kt at 305° gusting to 34.5 kt (at anemometer height which is probably helideck)

ECRC personnel now at Husky EOC.

PAL surveillance flight was scheduled wheels up 14:00 (local) for overflight.

"Hot Oiling" is circulation of heated oil from SeaRose to drill centre and back via flowlines. This had been underway for approximately 1 hour when pressure loss was noted.

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Thanks,

Ken Taylor


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Importance: High

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Sherry Rex

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Crann, Larry

From: English, Ambrose C
Sent: November-16-18 7:52 PM
To: Crann, Larry
Subject: Re: follow-up with Husky and tomorrow's plans

Thanks

Sent from my BlackBerry 10 smartphone on the Bell network.

From: Crann, Larry
Sent: Friday, November 16, 2018 7:51 PM
To: English, Ambrose C; Yard, David C
Subject: Fw: follow-up with Husky and tomorrow's plans

Fyi

Sent from my BlackBerry 10 smartphone on the Bell network.

From: Okeefe, Jeff <JOkeefe@cnlopb.ca>
Sent: Friday, November 16, 2018 19:47
To: Tessier, Scott; Burley, Dave; Young, Elizabeth; Taylor, Ken
Cc: Rideout, Lesley; Crann, Larry
Subject: follow-up with Husky and tomorrow's plans

Scott

Update

Talked with Husky (Pete LeMessurier and Conrad Gregory) in the last half hour

- The Pal flight video is in and we will be looking at it in the morning (Ken and I)
- There is a Husky supply vessel (Dispatcher)going out to the White rose field early tomorrow morning which will have wildlife observer from ECRC on it
It will arrive late in the afternoon but will be out there for Sunday observations
- The Atlantic Hawk will have relief from stand by duty for Sea Rose from a vessel which leaving tonight from St Johns with the supplies for the Henry Goodrich
After the relief arrives, The Atlantic Hawk will spend time tomorrow afternoon in the spill area doing observations. The bridge crew from the Hawk have all been trained in
Wildlife observation
- There is another PAL flight scheduled for tomorrow at 1:00 pm and Husky asked us do we want to put someone in the observer seat on the flight
We called Larry Crann with Coast Guard and Coast Guard will put one of their personal, Bruce English, on the flight as our observer
He has done this many times for Coast Guard and he can give us his view

I have phone Pete back told them to expect Bruce to be at the Pal hanger tomorrow as our rep on the flight.

I will find out later who the wildlife observer from ECRC will be going out in the field tomorrow

I will give you an update in the morning when ken and I see the Pal video

Jeff O'Keefe P.Eng P.Geo

Director of Resource Management and Chief Conservation Officer

t. 709 778 1406

c. [REDACTED]

f. 709 778 1432

twitter@CNLOPB

www.cnlopb.ca

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White, Ann-Margaret

From: Llewellyn, Don
Sent: November-16-18 7:12 PM
To: White, Ann-Margaret; Spurrell, Wade; Gascon, Julie
Cc: Pelletier, Mario; Vardy, Harvey; Miller, Anne; LeBlanc, Brian (Executive Director, CCGC)
Subject: Re: HANDING OFF to Llewellyn: Add'l point: Report from CNOLPB - 16 November

Acknowledged.

Sent from my BlackBerry 10 smartphone on the Bell network.

From: White, Ann-Margaret
Sent: Friday, November 16, 2018 7:10 PM
To: Spurrell, Wade; Gascon, Julie; Llewellyn, Don
Cc: Pelletier, Mario; Vardy, Harvey; Miller, Anne; LeBlanc, Brian (Executive Director, CCGC)
Subject: HANDING OFF to Llewellyn: Add'l point: Report from CNOLPB - 16 November

Don - handing off to you now to assume A/AC ATL as I board flight to Goose Bay and then St. John's. I expect long flights. NINP has been approved and should soon be issued.

Vardy remains your A/RD IM and Yard is back Supt ER. Spurrell is your DC Ops.

Please ack.

Ann-Margret White

From: White, Ann-Margaret
Sent: Friday, November 16, 2018 6:18 PM
To: Spurrell, Wade; Gascon, Julie
Cc: Pelletier, Mario; Vardy, Harvey; Miller, Anne; LeBlanc, Brian (Executive Director, CCGC)
Subject: Re: Add'l point: Report from CNOLPB - 16 November

NINP approved and enroute.

From: White, Ann-Margaret
Sent: Friday, November 16, 2018 5:52 PM
To: Spurrell, Wade; Gascon, Julie
Cc: Pelletier, Mario; Vardy, Harvey; Miller, Anne; LeBlanc, Brian (Executive Director, CCGC)
Subject: Add'l point: Report from CNOLPB - 16 November

Board has contacted ECCC and CWS. Husky has engaged ECRC.

From: White, Ann-Margaret
Sent: Friday, November 16, 2018 5:48 PM
To: Spurrell, Wade; Gascon, Julie
Cc: Pelletier, Mario; Vardy, Harvey; Miller, Anne; LeBlanc, Brian (Executive Director, CCGC)

From: White, Ann-Margaret
Sent: Friday, November 16, 2018 5:48 PM
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Wade - A/DC Ops:

16/1720 AST - CNOLP Lead to A/Supt ER CG Atlantic advised that SeaRose FPSO (Husky), from offshore east coast NL, reports a spill of ~250 cubes (250,000 litres).

FPSO was shut down this morning and when tried to come on line, pressure drop noted. Supply ship sent out and PAL flight that reported observation of:

One slick less than one (1) litre and
A second slick apprx three (3) cubes.

Unable to use ROV or use underwater camera as seas at 5 metres, limit 2 metres. Production has not resumed. Husky has set up IC and CNOLPB has set up EOC. Board has not called on CCG Atlantic as a resource agency at this point. Another storm is behind current seas and that would impact option to send down ROV through the weekend.

AM White
A/AC



White, Ann-Margaret

From: Vardy, Harvey
Sent: November-16-18 7:16 PM
To: White, Ann-Margaret; Spurrell, Wade; Gascon, Julie; Llewellyn, Don
Cc: Pelletier, Mario; Miller, Anne; LeBlanc, Brian (Executive Director, CCGC)
Subject: Re: HANDING OFF to Llewellyn: Add'l point: Report from CNOLPB - 16 November

Roger

Sent from my BlackBerry 10 smartphone on the Bell network.

From: White, Ann-Margaret
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AM White
A/AC



Fennelly, Stephanie

From: Yard, David C
Sent: Friday, November 16, 2018 2:37 PM
To: English, Ambrose C
Subject: Fw: Marine Pollution # 180466 Type: oil slick, known source Location: SEAROSE FPSO, offshore NL

Might want to flag with Pal if they have any flights in area over weekend.

Sent from my BlackBerry 10 smartphone on the Bell network.

From: MCTS Labrador / SCTM Labrador (DFO/MPO) <Labrador.MCTS@dfo-mpo.gc.ca>

Sent: Friday, November 16, 2018 12:44

To: Allen, Karie; Andrews, George M; Birt, Trent; canutec; CCG ATL ROC / COR ATL GCC (DFO/MPO); CIS ISTOP; CNLOPB; Couture, Chris; Crann, Larry; Doucet, John; Dunderdale, Sara; emergenciesoncallduty; ERDutyOfficer / AgentsdeserviceaffectésàIE (DFO/MPO); Fukala, John P; Gallagher, Quinn; Gaudet, Julien D; George, Terri Lynn; Grant, Robert; Guilbeault, Pierre; Hayden, Gwen; Hayden, Gwen; Ivany, Gary; Jan-Andrej Skopalik; Joly, Jean-Francois BNS, MBA; jrcchalifax (jrcchalifax@sarnet.dnd.ca); Laidlaw, Keith; MART (tc.naspatl-pnsaatl.tc@tc.gc.ca); MART Atlantic; MART Atlantic temporary; MCTS Labrador / SCTM Labrador (DFO/MPO); Miller, Anne; Mitchell, Mary; MRSC St. Johns ; MSOC-East / COSM-Est (DFO/MPO); NCC / CCN (DFO/MPO); NEEC Environment Canada (ec.cnue-neec.ec@canada.ca); Peet, Neil; Pelletier, Mario; Pope, Renee; Sitcen; Spurrell, Wade; tcmsdutyofficer (tcmsdutyofficer@tc.gc.ca); Vardy, Harvey; Walker, Phillip; Woodford, Jan

Cc: Safety.Placentia (Safety.Placentia@innav.gc.ca)

Subject: Marine Pollution # 180466 Type: oil slick, known source Location: SEAROSE FPSO, offshore NL

Labrador MCTS

709 896 2252

Marine Pollution Report

Report #: 180466

Report Date/Time UTC: Nov 16/1711 utc

Source of Report: Andy Cooper

Phone: 

Email: 

Remarks: Andy called from the SEAROSE FPSO

Address:

City: Offshore

Prov: NL

Posn (Lat/Long – If applicable): 46 44.6410N 048 00.6477W

Type (oil/diesel/chemical): oil slick

Weather: wind Northwest 45 knots, seas 8.4 metres.

Details:

November 16/1711 utc, Andy Cooper called from Husky Energy on the SEAROSE FPSO. Around 1220 local time (1550 utc) today, standby vessel ATLANTIC HAWK was dispatched to South White Rose Extension, to investigate issues with pressurization on flow line. When HAWK got on site they identified an oil slick about 1 mile long. At the time, they had whole area isolated. Nothing visible on surface now, slick broke up with waves.

Ship Data

Ship Name: SEAROSE FPSO

Callsign: VOXS

Vsl Type: Merchant (tanker)

POB:

LOA: 272.0 metres

GRT: 93984

Port of Registry: St. John's NL

Reg #:

Cargo:

Last port/Destination:

Owner/Agent:

Agencies Advised

Agency	TF (UTC)	Email
Environment Canada	1715 utc	EMAIL
Sr Response Officer	1716 utc	EMAIL
MCTS Placentia / VCP	1717 utc	EMAIL
JRCC		EMAIL
MRSC		EMAIL
DFO Communications		EMAIL
Marine Safety		EMAIL
TSB Dartmouth		EMAIL
ROC Duty Officer		EMAIL
Dept of Environment NL		
Dept of Environment NS		
Dept of Environment NB		
Dept of Environment PEI		
Halifax Port Authority		
Queen's Harbour Master		
Conservation & Protection		
CNLOPB		email
CNSOPB		
Other		

Regards,

Marine Pollution Reporting Desk
Labrador MCTS
709-896-2252

Fennelly, Stephanie

From: Yard, David C
Sent: Friday, November 16, 2018 11:27 PM
To: Miller, Anne
Subject: Re: Spill in White Rose Field

Was talking harv it's going out now.

Husky got pal chartered tomorrow and Bruce is going up on plane with the board observer to do assessment if weather allows.

They had 160 cubic meter spill a few years back and it too 5 to 7 days dissipate. This appears be dissipating quicker to waves.

I talked with Graham tonight and board is keeping us updated.

Sent from my BlackBerry 10 smartphone on the Bell network.

From: Yard, David C
Sent: Friday, November 16, 2018 23:20
To: Miller, Anne
Subject: Re: Spill in White Rose Field

Hi Anne Ninp done up and approved this evening. Anne Margaret and wade briefed. We are on standby if assistance required and in contact with board. Still in assessment stage and looks like dispersing at this point and no more than 3 cubes observed yet. Working with ECCC and have ICP crew on standby .

I don't think harv got Ninp sent to VTS for dist. I'm checking now and if can't get hold him I will distribute approved ninp.

Sent from my BlackBerry 10 smartphone on the Bell network.

From: Miller, Anne
Sent: Friday, November 16, 2018 22:56
To: Yard, David C; Vardy, Harvey
Cc: Llewellyn, Don
Subject: Fwd: Spill in White Rose Field

Just seeing this and am thinking that that given the media interest etc.... this is probably ninpable.

Sent from my iPhone

Begin forwarded message:

From: "Brooks, Robert" <Robert.Brooks@dfo-mpo.gc.ca>
Date: November 16, 2018 at 8:08:47 PM EST
To: "Gascon, Julie" <Julie.Gascon@dfo-mpo.gc.ca>, "Moss, Derek" <Derek.Moss@dfo-mpo.gc.ca>, "Lohnes, Christopher" <Christopher.Lohnes@dfo-mpo.gc.ca>, "Tettamanti, Ryan" <Ryan.Tettamanti@dfo-mpo.gc.ca>, "Miller, Anne" <Anne.Miller@dfo-mpo.gc.ca>
Subject: Fwd: Spill in White Rose Field

Julie and team

Checking in re press release below - Coast Guard referenced - 250 Cubic meteres oils spilled at husky drilling platform 350 km southeast of St. John's

Checking in re awareness levels?

R

Sent from my iPhone

Begin forwarded message:

From: "Justice, Robert" <Robert.Justice@dfo-mpo.gc.ca>
Date: November 16, 2018 at 7:56:01 PM EST
To: "Brooks, Robert" <Robert.Brooks@dfo-mpo.gc.ca>, "Tettamanti, Ryan" <Ryan.Tettamanti@dfo-mpo.gc.ca>
Cc: "Lohnes, Christopher" <Christopher.Lohnes@dfo-mpo.gc.ca>, "Perry, Nigel" <Nigel.Perry@dfo-mpo.gc.ca>, "NCC / CCN (DFO/MPO)" <NCC-CCN.XNCR@dfo-mpo.gc.ca>
Subject: **Spill in White Rose Field**

Forwarded for your awareness.

Rob

Robert Justice
 Manager, Office of Incident Management /
 Gestionnaire, Bureau de gestions des incidents
 Canadian Coast Guard / Garde côtière canadienne
 200 rue Kent Street
 Ottawa, Ontario K1A 0E6
 Tel / Tél: (613) 993-9147
 E-Mail / Courriel: Robert.Justice@dfo-mpo.gc.ca
 Government of Canada - Gouvernement du Canada

From the Offshore Energy Board:

INCIDENT DISCLOSURE 2018

Spill in White Rose Field

November 16, 2018

Husky Energy has reported that around mid-day today, the *SeaRose* FPSO experienced a loss of pressure from a subsea flowline to the South White Rose Drill Centre, while preparing to restart production. Initial estimates from Husky are that 250 cubic metres of oil were released to the environment. The C-NLOPB has been monitoring the situation since first notified.

There were no injuries. Production operations had been suspended due to Thursday's weather. All wells are in a safe state and production operations remain suspended as Husky investigates the cause of the spill. Production operations will not resume until it is safe to do so and until Husky has received approval from the C-NLOPB.

The C-NLOPB's Chief Conservation Officer and other staff have met with senior Husky representatives and have sought the advice of the National Environmental Emergencies Centre of Environment and Climate Change Canada and the Canadian Coast Guard. Current conditions offshore preclude the safe deployment of on-water response to the spill. The C-NLOPB is monitoring Husky's response and further action by the Board will be determined as the matter unfolds.

The South White Rose Extension Drill Centre is located in the White Rose Field, approximately 350 km southeast from St. John's.

Source: <https://www.cnlopb.ca/incidents/ibnov162018b/>

Fennelly, Stephanie

From: Yard, David C
Sent: Friday, November 16, 2018 11:15 PM
To: Vardy, Harvey
Subject: Fw: Approved: Incident Initial Notification, ER Atlantic, SEAROSE FPSO release estimated 250 cubic meters of crude

Did you sent out for distribution to supervisor VTS?

Sent from my BlackBerry 10 smartphone on the Bell network.

From: White, Ann-Margaret <Ann-Margaret.White@dfo-mpo.gc.ca>
Sent: Friday, November 16, 2018 18:48
To: Yard, David C
Cc: Vardy, Harvey
Subject: Approved: Incident Initial Notification, ER Atlantic, SEAROSE FPSO release estimated 250 cubic meters of crude

Approved, please proceed.

Thanks,
Ann-Margret White
A/AC

From: Yard, David C
Sent: Friday, November 16, 2018 6:09 PM
To: White, Ann-Margaret
Cc: Vardy, Harvey
Subject: Incident Initial Notification, ER Atlantic, SEAROSE FPSO release estimated 250 cubic meters of crude

Subject: Incident Initial Notification, ER Atlantic, SEAROSE FPSO offshore NL.

Description of threat/event: *At 15:30 Local Time, 16/11/2018, the SEAROSE FPSO reported losing approximately 250 cubic meters of crude while circulating crude through their subsea line in preparation to go back in production after being shut down for the recent powerful storm.*

Anticipated Media Attention: *NTV news has reported on this.*

Program Reporting: *CCG Environmental Response*

Current CCG Actions: *CCG ER has contacted CNLOPB, the Lead Agency, who are working with the owner/operator, Husky Energy. PAL has also been contacted and have completed an overflight today.*

Current Actions (other): *Husky Energy and CNLOPB have met and started to produce an action plan. ECRC has been activated. ECCC, CWS and CCG ER have been briefed by the CNLOPB. PAL was contracted by Husky to complete an over flight today reporting observing a sheen of 3 cubic meters.*

Initial analysis/impact assessment on CCG: *No impact on CG programs.*

Notification provided to: *Regular distribution of information.*

Next Steps: *CCG ER remains in contact with CNLOPB, as they conduct their assessment of the incident, in the event CCG assistance is required. A significant storm event has been in the area over last few days and conditions currently, seas 6-8 meters and winds at 45 knots with another system moving through over weekend. Weather conditions on site are preventing a ROV from being deployed to investigate the source. CNLOPB suggest may be Monday before able to deploy ROV due to weather and ECCC is working on mass balance and trajectory modelling for incident. Largest amount of oil reported to date on surface of the water by surveillance aircraft is 3 cubic meters. Surveillance of the site will continue.*

DISCLAIMER **This Information is preliminary and subject to change. Further, the information given for some occurrences may not have been verified/validated by CCG. Therefore, caution should be used when using this information.

Fennelly, Stephanie

From: Yard, David C
Sent: Friday, November 16, 2018 11:31 PM
To: Vardy, Harvey
Subject: Re: Approved: Incident Initial Notification, ER Atlantic, SEAROSE FPSO release estimated 250 cubic meters of crude

Ok thx Harv

I'll give you update in morning

Sent from my BlackBerry 10 smartphone on the Bell network.

From: Vardy, Harvey
Sent: Friday, November 16, 2018 23:27
To: Yard, David C
Subject: Fw: Approved: Incident Initial Notification, ER Atlantic, SEAROSE FPSO release estimated 250 cubic meters of crude

Just a FYI

Sent from my BlackBerry 10 smartphone on the Bell network.

From: Vardy, Harvey <Harvey.Vardy@dfo-mpo.gc.ca>
Sent: Friday, November 16, 2018 10:55 PM
To: MCTS Halifax / SCTM Halifax (DFO/MPO)
Subject: Fw: Approved: Incident Initial Notification, ER Atlantic, SEAROSE FPSO release estimated 250 cubic meters of crude

Please distribute NINP below.

Thanks,

Harv

Sent from my BlackBerry 10 smartphone on the Bell network.

Subject: Incident Initial Notification, ER Atlantic, SEAROSE FPSO offshore NL.

Description of threat/event: *At 15:30 Local Time, 16/11/2018, the SEAROSE FPSO reported losing approximately 250 cubic meters of crude while circulating crude through their subsea line in preparation to go back in production after being shut down for the recent powerful storm.*

Anticipated Media Attention: *NTV news has reported on this.*

Program Reporting: *CCG Environmental Response*

Current CCG Actions: CCG ER has contacted CNLOPB, the Lead Agency, who are working with the owner/operator, Husky Energy. PAL has also been contacted and have completed an overflight today.

Current Actions (other): Husky Energy and CNLOPB have met and started to produce an action plan. ECRC has been activated. ECCC, CWS and CCG ER have been briefed by the CNLOPB. PAL was contracted by Husky to complete an over flight today reporting observing a sheen of 3 cubic meters.

Initial analysis/impact assessment on CCG: No impact on CG programs.

Notification provided to: Regular distribution of information.

Next Steps: CCG ER remains in contact with CNLOPB, as they conduct their assessment of the incident, in the event CCG assistance is required. A significant storm event has been in the area over last few days and conditions currently, seas 6-8 meters and winds at 45 knots with another system moving through over weekend. Weather conditions on site are preventing a ROV from being deployed to investigate the source. CNLOPB suggest may be Monday before able to deploy ROV due to weather and ECCC is working on mass balance and trajectory modelling for incident. Largest amount of oil reported to date on surface of the water by surveillance aircraft is 3 cubic meters. Surveillance of the site will continue.

DISCLAIMER **This Information is preliminary and subject to change. Further, the information given for some occurrences may not have been verified/validated by CCG. Therefore, caution should be used when using this information.

Fennelly, Stephanie

From: Yard, David C
Sent: Friday, November 16, 2018 6:40 PM
To: White, Ann-Margaret
Cc: Vardy, Harvey
Subject: Incident Initial Notification, ER Atlantic, SEAROSE FPSO release estimated 250 cubic meters of crude

Subject: Incident Initial Notification, ER Atlantic, SEAROSE FPSO offshore NL.

Description of threat/event: *At 15:30 Local Time, 16/11/2018, the SEAROSE FPSO reported losing approximately 250 cubic meters of crude while circulating crude through their subsea line in preparation to go back in production after being shut down for the recent powerful storm.*

Anticipated Media Attention: *NTV news has reported on this.*

Program Reporting: *CCG Environmental Response*

Current CCG Actions: *CCG ER has contacted CNLOPB, the Lead Agency, who are working with the owner/operator, Husky Energy. PAL has also been contacted and have completed an overflight today.*

Current Actions (other): *Husky Energy and CNLOPB have met and started to produce an action plan. ECRC has been activated. ECCC, CWS and CCG ER have been briefed by the CNLOPB. PAL was contracted by Husky to complete an over flight today reporting observing a sheen of 3 cubic meters.*

Initial analysis/impact assessment on CCG: *No impact on CG programs.*

Notification provided to: *Regular distribution of information.*

Next Steps: *CCG ER remains in contact with CNLOPB, as they conduct their assessment of the incident, in the event CCG assistance is required. A significant storm event has been in the area over last few days and conditions currently, seas 6-8 meters and winds at 45 knots with another system moving through over weekend. Weather conditions on site are preventing a ROV from being deployed to investigate the source. CNLOPB suggest may be Monday before able to deploy ROV due to weather and ECCC is working on mass balance and trajectory modelling for incident. Largest amount of oil reported to date on surface of the water by surveillance aircraft is 3 cubic meters. Surveillance of the site will continue.*

DISCLAIMER ****This Information is preliminary and subject to change. Further, the information given for some occurrences may not have been verified/validated by CCG. Therefore, caution should be used when using this information.**

Annibalini, Sara

From: Pelletier, Mario
Sent: Friday, November 16, 2018 5:26 PM
To: Anderson, Randi A; Blewett, Catherine; Choeurng, Stephanie; Des Rosiers, Marie-Pascale; Garner, Danica; Lacombe, Barry; Lubczuk, Jocelyn; Mitchell, Laura; Mullan-Boudreau, Caitlin; O'Grady, Samantha; O'Halloran, Mark; Simons, Fiona; Tran, Thi; Wilkinson, Jonathan; Young, George; Windsor, Victoria
Cc: Butcher, Ashley; Gascon, Julie; Hill, Johanna; Hutchinson, Jeffery; Kahn, Zoe; Lebel, Mathieu; Mackenzie, Joey; Trudeau, Miriam; Spurrell, Wade; Hirani, Samia
Subject: Initial incident report - SeaRose oil production platform oil spill

Situation:

- On November 16 at 1720L - Coast Guard was advised that the SeaRose oil production platform (FSPO), from offshore east coast of Newfoundland, reported a spill of possibly up to 250 cubic meters of crude oil (250,000 litres). Only 3 cubic meters have been observed to date using an overflight.
- The lead agency on this is the Offshore Petroleum Board. (The Board)
- Production has not resumed. The Offshore Petroleum Board has engaged Federal partners, Canadian Wildlife Services and their Response Organization, ECRC. The company (Husky) also set up an Incident Command Post and the Canada-Newfoundland and Labrador Offshore Petroleum Board (CNOLPB) has set up an Emergency Operation Center. The Board has not requested Coast Guard assistance.
- The platform has Environmental Response equipment on board and has assets in the area.

[REDACTED]
[REDACTED] responsibilities of Deputy Commissioner, Operations will be assumed by **Wade Spurrell**, copied here.

NOTSHIPS Port Aux Basques / AVNAV Port Aux Basques (DFO/MPO)

From: NOTSHIPS Port Aux Basques / AVNAV Port Aux Basques (DFO/MPO)
Sent: Friday, November 16, 2018 7:05 PM
Subject: NOTSHIP N1536/18

MARINE COMMUNICATIONS AND TRAFFIC SERVICES NOTICE TO SHIPPING

02 PLACENTIA MCTS
03 VOJ INFO ONLY - NFB
05 VOK INFO ONLY - NFB
ASSISTANT COMMISSIONER, WADE SPURRELL
CANADIAN HYDROGRAPHIC SERVICES
CANNING AND PITT ASSOCIATES
CBCSTUDIO B SNF
CHS, DFO BIO, MNS
CNLOPB
COADY, KIMBERLY
DFO BEDFORD INSTITUTE OCEANOGRAPHY, DARTMOUTH DIRECTOR MARITIME SERVICES ENVIRONMENT CANADA
FFAW HUSKY ENERGY INTERNATIONAL ICE PATROL JAMES THOMAS JRCC HALIFAX MARINE POLLUTION, DESK VOK
MCTS PROGRAM SPECIALIST_OIC MNS ATLANTIC MSOC-EAST NIMA - HIGH SEAS BROADCAST PADDY, NEIL STOKES,
CLARK SUNCOR ENERGY INC.
SUNCOR ENERGY, ST. JOHNS
SUPERINTENDENT FLEET DARTMOUTH
SUPERINTENDENT MCI
SUPERINTENDENT ROC
UNITED STATES COAST GUARD

SOURCE:
ROSSITER, OWEN

PORT AUX BASQUES, NL161904UTC NOV 2018

VALID UNTIL CANCELLED

BROADCAST UNTIL 231904UTC NOVEMBER 2018

NOTSHIP N1536/18

NL - EAST COAST - WHITE ROSE FIELD CHART(S)

RIG .

AN OIL SPILL HAS BEEN DETECTED IN THE WHITEROSE FIELD NEAR THE SWRX DRILL CENTER , POSITION 46 44.641N 048 00.6477W , AND DRIFTING IN A SOUTHERN DIRECTION FROM THE SITE.

MARINERS ARE ADVISED TO NAVIGATE WITH CAUTION IN THE AREA.

AVNAV N1536/18

VALIDE JUSQU'À ANNULATION

DIFFUSER JUSQU'AU 231904UTC NOVEMBRE 2018

TN - CÔTE EST - CHAMP WHITE ROSE CARTE(S)

RIG .

DE LA MARÉE NOIRE A ÉTÉ DÉTECTÉ AU CHAMP DE FORAGE WHITE ROSE, PRÉS DU CENTRE DE FORAGE SWRX ,
POSITION 46 44.641N 048 00.6477O , À LA DERIVE VERS LE SUD.

LES NAVIGATEURS SONT PRIÉS DE FAIRE PREUVE PRUDENCE DANS CETTE ZONE.

ASSISTANT COMMISSIONER
CANADIAN COAST GUARD
ATLANTIC REGION

161904UTC MCTS PORT AUX BASQUES/KS

NOTSHIPS Port Aux Basques / AVNAV Port Aux Basques (DFO/MPO)

From: NOTSHIPS Port Aux Basques / AVNAV Port Aux Basques (DFO/MPO)
Sent: Friday, November 16, 2018 7:23 PM
Subject: NOTSHIP N1538/18

MARINE COMMUNICATIONS AND TRAFFIC SERVICES NOTICE TO SHIPPING

02 PLACENTIA MCTS
03 VOJ INFO ONLY - NFB
05 VOK INFO ONLY - NFB
ASSISTANT COMMISSIONER, WADE SPURRELL
CANADIAN HYDROGRAPHIC SERVICES
CANNING AND PITT ASSOCIATES
CBCSTUDIO B SNF
CHS, DFO BIO, MNS
CNLOPB
COADY, KIMBERLY
DFO BEDFORD INSTITUTE OCEANOGRAPHY, DARTMOUTH DIRECTOR MARITIME SERVICES ENVIRONMENT CANADA
FFAW HUSKY ENERGY INTERNATIONAL ICE PATROL JAMES THOMAS JRCC HALIFAX MARINE POLLUTION, DESK VOK
MCTS PROGRAM SPECIALIST_OIC MNS ATLANTIC MSOC-EAST NIMA - HIGH SEAS BROADCAST PADDY, NEIL STOKES,
CLARK SUNCOR ENERGY INC.
SUNCOR ENERGY, ST. JOHNS
SUPERINTENDENT FLEET DARTMOUTH
SUPERINTENDENT MCI
SUPERINTENDENT ROC
UNITED STATES COAST GUARD

SOURCE:
ROSSITER, OWEN

PORT AUX BASQUES, NL161923UTC NOV 2018

VALID UNTIL 171923 UTC NOVEMBER 2018

BROADCAST UNTIL 171923UTC NOVEMBER 2018

SAFETY NOTSHIP N1538/18

NL - EAST COAST - WHITE ROSE FIELD CHART(S)

RIG .

AN OIL SPILL HAS BEEN DETECTED IN THE WHITEROSE FIELD NEAR THE SWRX DRILL CENTER , POSITION 46 44.641N 048 00.6477W , AND DRIFTING IN A SOUTHERN DIRECTION FROM THE SITE.

MARINERS ARE ADVISED TO NAVIGATE WITH CAUTION IN THE AREA.

CANCEL NOTSHIP N1536/18

AVNAV DE SÉCURITÉ N1538/18

VALIDE JUSQU'AU 171923 UTC NOVEMBRE 2018

DIFFUSER JUSQU'AU 171923UTC NOVEMBRE 2018

TN - CÔTE EST - CHAMP WHITE ROSE CARTE(S)

RIG .

DE LA MARÉE NOIRE A ÉTÉ DÉTECTÉ AU CHAMP DE FORAGE WHITE ROSE, PRÉS DU CENTRE DE FORAGE SWRX ,
POSITION 46 44.641N 048 00.6477O , À LA DERIVE VERS LE SUD.

LES NAVIGATEURS SONT PRIÉS DE FAIRE PREUVE PRUDENCE DANS CETTE ZONE.

ANNULER AVNAV N1536/18

ASSISTANT COMMISSIONER

CANADIAN COAST GUARD

ATLANTIC REGION

161923UTC MCTS PORT AUX BASQUES/KS

NOTSHIPS Port Aux Basques / AVNAV Port Aux Basques (DFO/MPO)

From: NOTSHIPS Port Aux Basques / AVNAV Port Aux Basques (DFO/MPO)
Sent: Friday, November 16, 2018 10:35 PM
Subject: NOTSHIP N1540/18

MARINE COMMUNICATIONS AND TRAFFIC SERVICES NOTICE TO SHIPPING

02 PLACENTIA MCTS
03 VOJ INFO ONLY - NFB
05 VOK INFO ONLY - NFB
ASSISTANT COMMISSIONER, WADE SPURRELL
CANADIAN HYDROGRAPHIC SERVICES
CANNING AND PITT ASSOCIATES
CBCSTUDIO B SNF
CHS, DFO BIO, MNS
CNLOPB
COADY, KIMBERLY
DFO BEDFORD INSTITUTE OCEANOGRAPHY, DARTMOUTH DIRECTOR MARITIME SERVICES ENVIRONMENT CANADA
FFAW HUSKY ENERGY INTERNATIONAL ICE PATROL JAMES THOMAS JRCC HALIFAX MARINE POLLUTION, DESK VOK
MCTS PROGRAM SPECIALIST_OIC MNS ATLANTIC MSOC-EAST NIMA - HIGH SEAS BROADCAST PADDY, NEIL STOKES,
CLARK SUNCOR ENERGY INC.
SUNCOR ENERGY, ST. JOHNS
SUPERINTENDENT FLEET DARTMOUTH
SUPERINTENDENT MCI
SUPERINTENDENT ROC
UNITED STATES COAST GUARD

SOURCE:
ROSSITER, OWEN

PORT AUX BASQUES, NL162234UTC NOV 2018

VALID UNTIL 172234 UTC NOVEMBER 2018

BROADCAST UNTIL 172234UTC NOVEMBER 2018

SAFETY NOTSHIP N1540/18

NL - EAST COAST - WHITE ROSE FIELD CHART(S)

RIG .

AN OIL SPILL APPROXIMATELY 6 NAUTICAL MILES BY 4 NAUTICAL MILES HAS BEEN DETECTED IN THE WHITEROSE FIELD
NEAR THE SWRX DRILL CENTER , POSITION 46 40.00'N 048 02.00'W, AND DRIFTING IN A SOUTHERLY DIRECTION.

MARINERS ARE ADVISED TO EXERCISE CAUTION IN AN AREA BOUNDED BY THE FOLLOWING COORDINATES:

1. 46 50.00'N 048 20.00'W
2. 46 50.00' N 046 40.00'W

3. 46 00.00'N 046 40.00'W
4. 46 00.00'N 048 20.00'W.

MARINERS ARE ASKED TO REPORT ANY SIGHTINGS WHILE TRANSITING THROUGH THIS AREA TO (709) 724-3900.

AVNAV DE SÉCURITÉ N1540/18

VALIDE JUSQU'AU 172234 UTC NOVEMBRE 2018

DIFFUSER JUSQU'AU 172234UTC NOVEMBRE 2018

TN - CÔTE EST - CHAMP WHITE ROSE CARTE(S)

RIG .

DE LA MARÉE NOIRE, 6 MILES NAUTIQUES PAR 4 MILES NAUTIQUES, A ÉTÉ DÉTECTÉ AU CHAMP DE FORAGE WHITE ROSE, PRÉS DU CENTRE DE FORAGE SWRX , POSITION 46 40.00'N 048 02.00'O , À LA DERIVE VERS LE SUD.

LES NAVIGATEURS SONT PRIÉS DE FAIRE PREUVE PRUDENCE DANS UNE ZONE DÉLIMITÉE PAR LES COORDONNÉES SUIVANTES:

1. 46 50.00'N 048 20.00'W
2. 46 50.00' N 046 40.00'W
3. 46 00.00'N 046 40.00'W
4. 46 00.00'N 048 20.00'W.

ON DEMANDE AUX NAVIGATEURS DE SIGNALER TOUTES OBSERVATIONS DANS CETTE ZONE AU TÉLÉPHONE (709) 724-3900.

ASSISTANT COMMISSIONER
CANADIAN COAST GUARD
ATLANTIC REGION

162234UTC MCTS PORT AUX BASQUES/KS

Fraser, Patrick

From: MCTS Halifax / SCTM Halifax (DFO/MPO)
Sent: Friday, November 16, 2018 10:04 PM
Subject: Immediate Notification of Event - ER Atlantic, SEAROSE FPSO release estimated 250 cubic meters of crude - Initial

Description of threat/event: *At 15:30 Local Time, 16/11/2018, the SEAROSE FPSO reported losing approximately 250 cubic meters of crude while circulating crude through their subsea line in preparation to go back in production after being shut down for the recent powerful storm.*

Anticipated Media Attention: *NTV news has reported on this.*

Program Reporting: *CCG Environmental Response*

Current CCG Actions: *CCG ER has contacted CNLOPB, the Lead Agency, who are working with the owner/operator, Husky Energy. PAL has also been contacted and have completed an overflight today.*

Current Actions (other): *Husky Energy and CNLOPB have met and started to produce an action plan. ECRC has been activated. ECCC, CWS and CCG ER have been briefed by the CNLOPB. PAL was contracted by Husky to complete an over flight today reporting observing a sheen of 3 cubic meters.*

Initial analysis/impact assessment on CCG: *No impact on CG programs.*

Notification provided to: *Regular distribution of information.*

Next Steps: *CCG ER remains in contact with CNLOPB, as they conduct their assessment of the incident, in the event CCG assistance is required. A significant storm event has been in the area over last few days and conditions currently, seas 6-8 meters and winds at 45 knots with another system moving through over weekend. Weather conditions on site are preventing a ROV from being deployed to investigate the source. CNLOPB suggest may be Monday before able to deploy ROV due to weather and ECCC is working on mass balance and trajectory modelling for incident. Largest amount of oil reported to date on surface of the water by surveillance aircraft is 3 cubic meters. Surveillance of the site will continue.*

DISCLAIMER ***This Information is preliminary and subject to change. Further, the information given for some occurrences may not have been verified / validated by CCG. Therefore, caution should be used when using this information.*

Justice, Robert

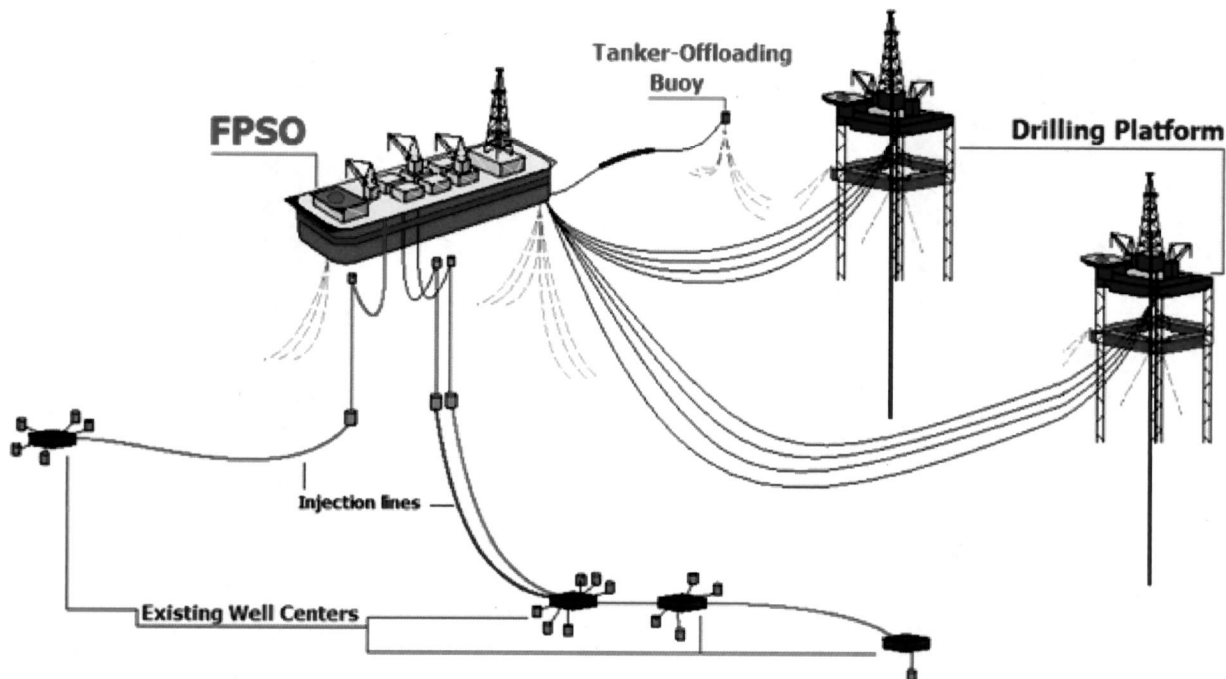
From: Justice, Robert
Sent: November-16-18 8:01 PM
To: Brooks, Robert; Tettamanti, Ryan
Cc: Lohnes, Christopher; Perry, Nigel; NCC / CCN (DFO/MPO)
Subject: Spill in White Rose Field

Further details for your awareness provided by Matthew Ducker below.

Rob

From: Ducker, Matthew
Sent: November-16-18 7:54 PM
To: Justice, Robert; Matthews, Michelle; Martel, Marie-Claude (NCR)
Subject: RE: Oil spill off NL?

IAW the press release I sent earlier, the release was caused by a loss of pressure from subsea to the SeaRose FPSO. SeaRose FPSO is a *floating production, storage and offloading vessel*.



Fraser, Patrick

From: NCC / CCN (DFO/MPO)
Sent: Friday, November 16, 2018 2:27 PM
To: Brickett, JJ; Brooks, Robert; Fraser, Patrick; Gascon, Julie; Hutchinson, Jeffery; Ivany, Gary; Justice, Robert; Lebel, Mathieu; Melanson, Simon; Moss, Derek; NCC / CCN (DFO/MPO); Pelletier, Mario; Ralph, Wendy; Richardson, Dena; Smith, Andy; Tettamanti, Ryan
Subject: Pollution Report - November 16, 2018

POLLUTION REPORT – 16 NOVEMBER 2018		
SUMMARY / SYNOPSIS		
CASE:	LOCATION/POSITION	STATUS
0985 - ALERT - 2018 - POL - ROC – SAVARY ISLAND GROUNDING	SW Savary Island, BC	Updates 2, 3
0986 - ALERT - 2018 - POL - ROC – BAMBERTON BARGE SINKING	Bamberton, BC	Updates 2, 3, 4
Marine Pollution # 180463 Type: oil, known source	Long Pond, Grand Manan, NB	Initial
0988 - ALERT - 2018 - POL - ROC – SHEEN VICTORIA	Victoria / Selkirk Waterway	Initial, Update 1
Marine Pollution # 180464 Type: Potential of pollution	Offshore NS	Initial
RAA 20181062 Risque de pollution	Neuville, QC	Initial, Final
Marine Pollution # 180465 Type: Potential of pollution	Offshore NL	Initial
0989 - ALERT - 2018 - POL - ROC – BAMFIELD FV BARKLEY SOUND SUNK	Bamfield Inlet, south of Rance Island	Initial, Update 1
0990 - ALERT - 2018 - POL - ROC – False Creek, sailboat adrift	Elsje Point, Vancouver, BC	Initial
0991 - ALERT - 2018 - POL - ROC – COWICHAN BAY	Cowichan Bay, BC	Initial
RAA 20181063 Pollution venant d'un navire	Matane, QC	Initial, Mises à jour 1, 2
Marine Pollution # 180466 Type: oil slick, known source	SeaRose FPSO	Initial

DATE/TIME OF REPORT	2018-11-15 0625 PST	NO. CAS:	985 - ALERT - 2018 - POL - ROC – SAVARY ISLAND
LOCATION/POSITION	49 55.78N 124 50.87W, SW Savary Island		
QUANTITY	40 tonnes onboard (approx. 45000L)		

TYPE OF POLLUTANT	Diesel
ORIGIN	F/V Viking Storm
DETAILS / CCG ACTIONS	<p>INITIAL</p> <p>Vessel is stable aground. Will wait for rising tide to free vessel from grounding at approximately 15/06 return to either French Creek or Comox once free from grounding in order to inspect vessel hull. Power notified and will be assessing the refloat. CCG duty officer notified and assessing.</p> <p>UPDATE #1 November-15 0829 PST</p> <p>As of 0800 the Captain of Viking Storm advised that there is ingress of water into the shaft tunnel compartment is lost it is not believed to effect stability of the vessel. The vessel has bilge pump running and 110V back up pumps, if required. Vessel is proceeding to Arrow Shipyards on the Fraser River. CCG French Creek and are prepared to assist if situation changes. CCG 665 will depart at 1300 hours to rendezvous the North Arm. Captain of Viking Storm requested to provide:</p> <ul style="list-style-type: none"> • Update VTS Regularly with position. • Update ER with vessel removal plans • Advise ER is the situation changes: <ul style="list-style-type: none"> • Develop list • Discharge of oil/loss of fuel • Machinery malfunction <p>CCG Helicopter section working in the area today, and will provide observations and pictures if conditions permit.</p> <p>UPDATE #2 November-15 1409 PST</p> <p>CCG ER has spoken with Captain of Viking Storm, and no changes to situation, pumps remain operational and back in operation. Captain revised ETA to the entrance of the North Arm to 1600 hrs. NASP overflight appears to be stable with no pollution observed. CCG 665 underway to rendezvous with vessel to provide assistance if required. Transport Canada is updated and intends to conduct inspection once removed from the water. Vessel position is approximately 10 nautical miles north of Cape Roger Curtis.</p> <p>UPDATE #3 November-15 1924 PST</p> <p>The F/V Viking Storm is secure at Arrow Shipyards without incident. Owner intends to remove fuel to prevent removal from the water. CCG 665 stood down and returning to normal operations. Vessel Captain advised when vessel is on the hard, if the situation changes or requires assistance.</p>

DATE/TIME OF REPORT	2018-11-15 0735 PST	NO. CAS:	0986 - ALERT - 2018 - POL - ROC – BAMBERTON BARGE SINKING
LOCATION/POSITION	Bamberton Gravel Pit 48 35.1N 123 31.2W		
QUANTITY	Soil 300 tons, 1000L of diesel		
TYPE OF POLLUTANT	Remediated soil on deck, diesel		
ORIGIN	Gravel barge		
DETAILS / CCG ACTIONS	<p>INITIAL</p> <p>Vessel is currently sinking. Estimated that it will be underwater within 2 hrs. ER DO on route with PRV 2 and boom material.</p>		

<p>UPDATE#1 NOVEMBER 15 1025 PST</p> <p>The barge has been surrounded with curtain boom. The barge is rented by Vancouver Pile Driving. They are currently on scene taking off the soil and rocks with a crane and clam bucket in hopes it gains more flotation. A second barge is en route to lift off the front end loader with an ETA of 1400-1500. No pollution has been observed on water and the barge is unlikely to sink any further based on ER observations.</p> <p>CCG ER will remain on site to ensure the known oil pollution is removed.</p> <p>UPDATE#2 NOVEMBER 15 1152 PST</p> <p>CCG ER has removed approximately 300 L of diesel and hydraulic fuel off of the barge.</p> <p>UPDATE #3 NOVEMBER 15 1725 PST</p> <p>The barge has been refloated. Crews are continuing to pump out water from the barge and assess where the water ingress is. The front end loader will be driven off the barge once safe to do so. The curtain boom remains in place and there has been no oil pollution observed on water to this point. An update will be available once the loader has been removed.</p> <p>UPDATE #4 November-15 2024 PST</p> <p>The loader is now off the barge which is stable. Vancouver Pile Driving personnel will be monitoring the barge throughout the night to ensure it does not sink again. CCG ER will be removing the containment boom tomorrow morning.</p>			
DATE/TIME OF REPORT	Nov 15/1855UTC	NO. CAS:	Marine Pollution # 180463 Type: oil, known source
LOCATION/POSITION	Long Pond, Grand Manan NB		
QUANTITY	Approximately 50L		
TYPE OF POLLUTANT	Oil		
ORIGIN	Vessel Sadie Jane		
DETAILS / CCG ACTIONS	What was deployed to clean up: 400 absorbent pads plus absorbent boom. Spill came from on deck of the vessel. Clean up completed.		

DATE/TIME OF REPORT	2018-11-15 1315 PST	NO. CAS:	0988 - ALERT - 2018 - POL - ROC – SHEEN VICTORIA
LOCATION/POSITION	Victoria / Selkirk Waterway		
QUANTITY	Unknown		
TYPE OF POLLUTANT	Unknown		
ORIGIN	Unknown		
DETAILS / CCG ACTIONS	<p>INITIAL</p> <p>Caller states that he observed an approximately 20 foot wide light grey sheen around the recycling barges area in the Selkirk Waterway. Caller states that usually that area is boomed off and that it is currently not. ER duty officer notified. CCG ER is assessing.</p>		

	<p>UPDATE #1 NOVEMBER-15 1330 PST</p> <p>There is no confirmed source and the sheen is non recoverable. No further response at this time.</p>
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DATE/TIME OF REPORT	Nov 15/1922 UTC	NO. CAS:	Marine Pollution # 180464 Type: Potential of pollution
LOCATION/POSITION	Offshore NS		
QUANTITY	Potential		
TYPE OF POLLUTANT	Potential		
ORIGIN	Vessel Island Bound		
DETAILS / CCG ACTIONS	<p>151642UTC: Vessel Tethys Sea advises Island Bound taking on water.</p> <p>151704UTC: CCGS Westport advises on scene creating lee for Island Bound and her pumps are keeping up with water ingress.</p> <p>151908UTC: Island Bound calls to report secured at Seal Cove, no pollution released during incident.</p>		

DATE/TIME OF REPORT	2018/11/15 17:17 EST	NO. CAS:	RAA 20181062 Risque de pollution
LOCATION/POSITION	Neuville, QC		
QUANTITY	Inconnue		
TYPE OF POLLUTANT	Essence		
ORIGIN	Auto dans le fleuve		
DETAILS / CCG ACTIONS	<p>2018/11/15 16:40 MRSC Quebec rapporte une auto dans le fleuve à proximité de la berge à la hauteur du 709 rue de Vauquelin à Neuville. Les pompiers et service d'urgence sont sur place. Les lumières de l'auto seraient allumés.</p> <p>2018/11/15 18:07 AIE M-C Bergeron avise: Sauvetage complété. Tentative de remorquage en cours pour sortir de l'eau le véhicule. Cas terrestre. Cas fermé pour I.E.</p>		

DATE/TIME OF REPORT	Nov 15/2205 UTC	NO. CAS:	Marine Pollution # 180465 Type: Potential of pollution
LOCATION/POSITION	Offshore NL, position 45 55.3 N 047 01.6 W		
QUANTITY	Unknown		
TYPE OF POLLUTANT	Potential		
ORIGIN	M/V Centennial Harmony		
DETAILS / CCG ACTIONS	<p>M/V Centennial Harmony, carrying a full load of iron ore from Sept-Îles, Quebec to the UK was reported taking on water after losing propulsion at approximately 90NM SE of Hibernia Platform (no risk to the platform). As of 19:04 EST, power and propulsion had been restored, and the master had decided to continue the voyage.</p>		

DATE/TIME OF REPORT	2018-11-15 1540 PST	NO. CAS:	0989 - ALERT - 2018 - POL - ROC – BAMFIELD FV BARKLEY SOUND SUNK
LOCATION/POSITION	Bamfield Inlet, south of Rance Island		
QUANTITY	Unknown		
TYPE OF POLLUTANT	Unknown – suspected lube oil		
ORIGIN	F/V Barkley Sound – derelict		
DETAILS / CCG ACTIONS	<p>INITIAL</p> <p>Vessel Barkley Sound has sunk. Narrow slick extending from vessel north to the entrance of Bamfield Inlet. ER DO notified. Bamfield CCG station heading to scene to deploy containment booms.</p> <p>UPDATE #1 November-15 2129 PST</p> <p>The vessel has been boomed off. Very small non recoverable sheen was visible at the wreck site. TC 951 is scheduled to fly the area tomorrow morning pending weather. An update will be available following tomorrow's re assessment.</p>		

DATE/TIME OF REPORT	2018-11-15 16:45 PST	NO. CAS:	0990 - ALERT - 2018 - POL - ROC – False Creek, sailboat adrift
LOCATION/POSITION	Elsje Point, 49 16 45N 123 08 48W		
QUANTITY	Unknown		
TYPE OF POLLUTANT	Unknown		
ORIGIN	Sailboat adrift		
DETAILS / CCG ACTIONS	<p>INITIAL</p> <p>Vessel was set adrift as the anchor mooring line was cut. This action was witnessed and the Vancouver Police have been notified and investigating. Duty ER officer notified and has tasked CCG Kitsilano to assist.</p>		

DATE/TIME OF REPORT	2018-11-15 18:23 PST	NO. CAS:	0991 - ALERT - 2018 - POL - ROC – COWICHAN BAY
LOCATION/POSITION	Cowichan Bay 48 43.05N 123 31.67W		
QUANTITY	4.3L		
TYPE OF POLLUTANT	Hydrocarbon		
ORIGIN	Unknown		
DETAILS / CCG ACTIONS	<p>INITIAL</p> <p>ER DO notified. Due to low visibility and suspected one time discharge no further CCG action at this time.</p>		

DATE/TIME OF REPORT	2018/11/16 01:32 EST	NO. CAS:	RAA 20181063 Pollution venant d'un navire
LOCATION/POSITION	Matane, QC		
QUANTITY	Environ 40L		
TYPE OF POLLUTANT	Eau huileuse		
ORIGIN	Traversier F.A. Gauthier		
DETAILS / CCG ACTIONS	<p>2018/11/16 01:30 SCTM Les Escoumins avise via courriel: Capitaine du traversier F A GAUTHIER rapporte un déversement d'eau huileuse (eau mélangée à du mazout) sur le quai du traversier à Matane. Environ 40 litres se sont déversés, dont environ 5 litres est tombés à l'eau. L'eau huileuse tombée à l'eau a été siphonnée avec une balayeuse, et une estacade a été placée par la suite. L'estacade est restée de couleur blanche et est toujours en place présentement. Le capitaine croit qu'il pourrait y avoir une quantité de moins d'un litre qui n'a pas pu être ramassé. Il va effectuer un rapport pour sa compagnie pour déclarer le déversement. Le déversement a eu lieu pendant le déchargement des eaux usées (grises, noires) du traversier. C'est le tuyau du camion du contracteur qui a fendu. La zone où le déversement s'est produit est directement là où le traversier est accosté, entre les deux défenses.</p> <p>2018/11/16 02:25 E.M Mme Tomsic a contacté le capitaine et il s'agit bien des eaux huileuses qui sont tombées entre le quai et le traversier, il n'y avait pas de courant donc, facile à ramasser. Cas fermé pour Transport Canada.</p> <p>2018/11/16 02:43 A.I.E [REDACTED] avise que le nettoyage est complété. Cas fermé pour I.E.</p>		

DATE/TIME OF REPORT	Nov 16/1711UTC	NO. CAS:	Marine Pollution # 180466 Type: oil slick, known source
LOCATION/POSITION	SeaRose FPSO, position 46 44.6410N 048 00.6477W		
QUANTITY	1 mile slick		
TYPE OF POLLUTANT	Oil		
ORIGIN	South White Rose Extension flow line		
DETAILS / CCG ACTIONS	<p>Husky Energy on the SEAROSE FPSO reports that around 1550UTC today, standby vessel ATLANTIC HAWK was dispatched to South White Rose Extension, to investigate issues with pressurization on flow line. When HAWK got on site they identified an oil slick about 1 mile long. At the time, they had whole area isolated. Nothing visible on surface now, slick broke up with waves.</p>		

Adrienne Ewart

Operations - National Command Centre (NCC) | Opérations - Centre de commandement national (CCN)

Maritime Security (MARSEC) | Sécurité maritime (MARSEC)

Canadian Coast Guard | Garde côtière canadienne

200 Kent Street, 7th floor E-310 | 200 rue Kent, 7ème étage E-310

Ottawa, Ontario, K1A 0E6

Tel: (613) 998-1497

Cell: [REDACTED] Please use for out of hours service)

@: NCC-CCN.XNCR@dfo-mpo.gc.ca

Dumoulin, Isabelle

From: Miller, Anne
Sent: November 16, 2018 9:28 PM
To: Vardy, Harvey
Cc: Brooks, Robert
Subject: Fwd: Spill in White Rose Field

Looping Harvey in [REDACTED]

Sent from my iPhone

Begin forwarded message:

From: "Brooks, Robert" <Robert.Brooks@dfo-mpo.gc.ca>
Date: November 16, 2018 at 8:08:47 PM EST
To: "Gascon, Julie" <Julie.Gascon@dfo-mpo.gc.ca>, "Moss, Derek" <Derek.Moss@dfo-mpo.gc.ca>, "Lohnes, Christopher" <Christopher.Lohnes@dfo-mpo.gc.ca>, "Tettamanti, Ryan" <Ryan.Tettamanti@dfo-mpo.gc.ca>, "Miller, Anne" <Anne.Miller@dfo-mpo.gc.ca>
Subject: Fwd: Spill in White Rose Field

Julie and team

Checking in re press release below - Coast Guard referenced - 250 Cubic meteres oils spilled at husky drilling platform 350 km southeast of St. John's

Checking in re awareness levels?

R
[REDACTED]

Sent from my iPhone

Begin forwarded message:

From: "Justice, Robert" <Robert.Justice@dfo-mpo.gc.ca>
Date: November 16, 2018 at 7:56:01 PM EST
To: "Brooks, Robert" <Robert.Brooks@dfo-mpo.gc.ca>, "Tettamanti, Ryan" <Ryan.Tettamanti@dfo-mpo.gc.ca>
Cc: "Lohnes, Christopher" <Christopher.Lohnes@dfo-mpo.gc.ca>, "Perry, Nigel" <Nigel.Perry@dfo-mpo.gc.ca>, "NCC / CCN (DFO/MPO)" <NCC-CCN.XNCR@dfo-mpo.gc.ca>
Subject: Spill in White Rose Field

Forwarded for your awareness.

Rob

Robert Justice
Manager, Office of Incident Management /
Gestionnaire, Bureau de gestions des incidents

Canadian Coast Guard / Garde côtière canadienne
200 rue Kent Street
Ottawa, Ontario K1A 0E6
Tel / Tél: (613) 993-9147
E-Mail / Courriel: Robert.Justice@dfo-mpo.gc.ca
Government of Canada - Gouvernement du Canada

From the Offshore Energy Board:

INCIDENT DISCLOSURE 2018

Spill in White Rose Field

November 16, 2018

Husky Energy has reported that around mid-day today, the *SeaRose* FPSO experienced a loss of pressure from a subsea flowline to the South White Rose Drill Centre, while preparing to restart production. Initial estimates from Husky are that 250 cubic metres of oil were released to the environment. The C-NLOPB has been monitoring the situation since first notified.

There were no injuries. Production operations had been suspended due to Thursday's weather. All wells are in a safe state and production operations remain suspended as Husky investigates the cause of the spill. Production operations will not resume until it is safe to do so and until Husky has received approval from the C-NLOPB.

The C-NLOPB's Chief Conservation Officer and other staff have met with senior Husky representatives and have sought the advice of the National Environmental Emergencies Centre of Environment and Climate Change Canada and the Canadian Coast Guard. Current conditions offshore preclude the safe deployment of on-water response to the spill. The C-NLOPB is monitoring Husky's response and further action by the Board will be determined as the matter unfolds.

The South White Rose Extension Drill Centre is located in the White Rose Field, approximately 350 km southeast from St. John's.

Source: <https://www.cnlopb.ca/incidents/ibnov162018b/>

Dumoulin, Isabelle

From: Gascon, Julie
Sent: November 16, 2018 9:46 PM
To: Brooks, Robert
Subject: Re: Initial incident report - SeaRose oil production platform oil spill

At this time not very much. For FPSOs and MODUs, the Boards have the lead and between this industry is very well equipped to respond.

If they reach out it could be for equipment/expertise. ECCC is providing scone table and Wildlife Services are engaged.

We will see how it evolves but I will keep you posted. Thank you for your quick reply and also for improving the SAR case bullets yesterday - it got added on the tweet!

J

From: Brooks, Robert
Sent: Friday, November 16, 2018 9:40 PM
To: Gascon, Julie
Subject: Re: Initial incident report - SeaRose oil production platform oil spill

Thank you for the bullets, Julie. Let me know if there's anything the IM team can do to support.

We picked it up in the clips only - not sure if there's an expectation that I / the IM team have a closer watch on current events and if so, I'll look into making sure we have the appropriate awareness through our information chain of the recent changes in our ranks in HQ.

Have a nice weekend,

R

Sent from my iPhone

On Nov 16, 2018, at 9:35 PM, Gascon, Julie <Julie.Gascon@dfo-mpo.gc.ca> wrote:

For your awareness - also we are mobilizing equipment in Donovan - to be ready to support if/as required. We will have a seat on the Over-flight tomorrow (wx dependent). We have not received a request CNLOPB is lead.

Julie Gascon

From: Pelletier, Mario <Mario.Pelletier@dfo-mpo.gc.ca>
Sent: Friday, November 16, 2018 5:26 PM
To: Anderson, Randi A; Blewett, Catherine; Choeurng, Stephanie; Des Rosiers, Marie-Pascale; Garner, Danica; Lacombe Barry; Lubczuk, Jocelyn; Mitchell, Laura; Mullan-Boudreau, Caitlin; O'Grady, Samantha; O'Halloran, Mark; Simons, Fion Tran, Thi; Wilkinson, Jonathan; Young, George; Windsor, Victoria

Cc: Butcher, Ashley; Gascon, Julie; Hill, Johanna; Hutchinson, Jeffery; Kahn, Zoe; Lebel, Mathieu; Mackenzie, Joey; Trudeau, Miriam; Spurrell, Wade; Hirani, Samia

Subject: Initial incident report - SeaRose oil production platform oil spill

Situation:

- On November 16 at 1720L - Coast Guard was advised that the SeaRose oil production platform (FSPO), from offshore east coast of Newfoundland, reported a spill of possibly up to 250 cubic meters of crude oil (250,000 litres). Only 3 cubic meters have been observed to date using an overflight.
- The lead agency on this is the Offshore Petroleum Board. (The Board)
- Production has not resumed. The Offshore Petroleum Board has engaged Federal partners, Canadian Wildlife Services and their Response Organization, ECRC. The company (Husky) also set up an Incident Command Post and the Canada-Newfoundland and Labrador Offshore Petroleum Board (CNOLPB) has set up an Emergency Operation Center. The Board has not requested Coast Guard assistance.
- The platform has Environmental Response equipment on board and has assets in the area.

During my absence, the responsibilities of Deputy Commissioner, Operations will be assumed by **Wade Spurrell**, copied here.

Dumoulin, Isabelle

From: Lohnes, Christopher
Sent: November 16, 2018 10:18 PM
To: Brooks, Robert
Cc: Tettamanti, Ryan
Subject: FW: Spill in White Rose Field

Robert,

Further to our discussion this morning, the NCC was not notified of this evenings incident at all before the recently received (10:04pm) report from MCTS Halifax. It is only by chance that in this case I was cc'd by your staff initially and was able to forward to the NCC the "Strategic bullets" that Julie provided from Mario.

It appears that information was provided directly to the DC 4.5 hours prior to official channels notifying the NCC. This is certainly an area that merits review and correction.

Chris

From: Gascon, Julie
Sent: Friday, November 16, 2018 9:32 PM
To: Brooks, Robert <Robert.Brooks@dfo-mpo.gc.ca>; Moss, Derek <Derek.Moss@dfo-mpo.gc.ca>; Lohnes, Christopher <Christopher.Lohnes@dfo-mpo.gc.ca>; Tettamanti, Ryan <Ryan.Tettamanti@dfo-mpo.gc.ca>; Miller, Anne <Anne.Miller@dfo-mpo.gc.ca>
Subject: Re: Spill in White Rose Field

Very much aware - will send you the strategic bullets.

Julie Gascon

From: Brooks, Robert
Sent: Friday, November 16, 2018 8:08 PM
To: Gascon, Julie; Moss, Derek; Lohnes, Christopher; Tettamanti, Ryan; Miller, Anne
Subject: Fwd: Spill in White Rose Field

Julie and team

Checking in re press release below - Coast Guard referenced - 250 Cubic meteres oils spilled at husky drilling platform 350 km southeast of St. John's

Checking in re awareness levels?

R

Sent from my iPhone

Begin forwarded message:

From: "Justice, Robert" <Robert.Justice@dfo-mpo.gc.ca>
Date: November 16, 2018 at 7:56:01 PM EST

To: "Brooks, Robert" <Robert.Brooks@dfo-mpo.gc.ca>, "Tettamanti, Ryan" <Ryan.Tettamanti@dfo-mpo.gc.ca>
Cc: "Lohnes, Christopher" <Christopher.Lohnes@dfo-mpo.gc.ca>, "Perry, Nigel" <Nigel.Perry@dfo-mpo.gc.ca>, "NCC / CCN (DFO/MPO)" <NCC-CCN.XNCR@dfo-mpo.gc.ca>
Subject: Spill in White Rose Field

Forwarded for your awareness.

Rob

Robert Justice

Manager, Office of Incident Management /
Gestionnaire, Bureau de gestions des incidents
Canadian Coast Guard / Garde côtière canadienne
200 rue Kent Street
Ottawa, Ontario K1A 0E6
Tel / Tél: (613) 993-9147
E-Mail / Courriel: Robert.Justice@dfo-mpo.gc.ca
Government of Canada - Gouvernement du Canada

From the Offshore Energy Board:

INCIDENT DISCLOSURE 2018

Spill in White Rose Field

November 16, 2018

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There were no injuries. Production operations had been suspended due to Thursday's weather. All wells are in a safe state and production operations remain suspended as Husky investigates the cause of the spill. Production operations will not resume until it is safe to do so and until Husky has received approval from the C-NLOPB.

The C-NLOPB's Chief Conservation Officer and other staff have met with senior Husky representatives and have sought the advice of the National Environmental Emergencies Centre of Environment and Climate Change Canada and the Canadian Coast Guard. Current conditions offshore preclude the safe deployment of on-water response to the spill. The C-NLOPB is monitoring Husky's response and further action by the Board will be determined as the matter unfolds.

The South White Rose Extension Drill Centre is located in the White Rose Field, approximately 350 km southeast from St. John's.

Source: <https://www.cnlopb.ca/incidents/ibnov162018b/>

Matheson, Kyle

From: Matheson, Kyle
Sent: November-17-18 11:14 AM
To: Bungay, Kerry
Cc: Pilgrim, Bret
Subject: RE: **UPDATE** NEEC Incident Notification: NL_2018/11/16_Searose FPSO_South White Rose Extension_Offshore_Oil slick

Thanks for the confirmation Kerry.

We will keep you posted.

Cheers, Kyle

From: Bungay, Kerry
Sent: November-17-18 11:13 AM
To: Matheson, Kyle
Cc: Pilgrim, Bret
Subject: Re: **UPDATE** NEEC Incident Notification: NL_2018/11/16_Searose FPSO_South White Rose Extension_Offshore_Oil slick

Not aware of official exclusion zone....they do keep away from that, thought was more of an agreement than legislation requiring it, but would have to verify that

Was aware of spill , this should not be issue. No boats fishing around searose.

Also offshore boats have stopped fishing right now due to sea conditions.

Sent from my BlackBerry 10 smartphone on the Bell network.

From: Matheson, Kyle
Sent: Saturday, November 17, 2018 10:52 AM
To: Bungay, Kerry
Cc: Pilgrim, Bret
Subject: FW: **UPDATE** NEEC Incident Notification: NL_2018/11/16_Searose FPSO_South White Rose Extension_Offshore_Oil slick

Morning Kerry,

Last night we received notification of a spill of crude oil from the Searose FPSO of ~ 250 t from one of its undersea lines. The most recent overflight has estimated ~ 3 t has reached the surface, but poor weather is not permitting containment and clean-up of the spill and making further overflights difficult.

The coordinates of the observed slick are 46 30 N 48 2 W. Bret and I thought there may be an exclusion zone to fisheries near the offshore platform activities, but were not certain on the details. Do you know these details or if there may be any ongoing fisheries in this area.

The most recent update has indicated that most of the latest observed slick has been broken up due to the wave activity and no new oil coming to the surface has been observed. Hopefully this is an indication that the spill is contained and the leak is not still active. However, because of the uncertainty we are trying to collect what information we have in the mean time.

Thanks, Kyle

From: CNUE / NEEC (EC) [mailto:ec.cnue-neec.ec@canada.ca]
Sent: November-17-18 10:02 AM
To: EnforcementDuty (EC); 'pollutionreports@gov.nl.ca'; Wilhelm, Sabina (EC); Gjerdrum, Carina (EC); Donaldson, Garry (EC); Whittam, Becky (EC); Ronconi, Robert (EC); EC.F EB-WED-ATL F.EC; SQEM Atlantique / MWQM Atlantic (EC); GLF CSSP Closure / PCCSM fermeture GLF (DFO/MPO); Hendry, Christopher; XNFL-GRP_Environmental Incident Reports; dfo.fpp.nl / ppp.t-n-e-l.mpo (DFO/MPO); MCTS Labrador / SCTM Labrador (DFO/MPO)
Cc: Thomas, Graham (EC); Tulen, Lisa (EC)
Subject: **UPDATE** NEEC Incident Notification: NL_2018/11/16_Searose FPSO_South White Rose Extension_Offshore_Oil slick

Hello,

Please note that the National Environmental Emergencies Centre (NEEC) was informed of the following incident: **Please see attached updated report.**

Regards,

Yacine Mbengue

Centre National des Urgences Environnementales (CNUE)
Environnement Canada / Gouvernement du Canada
yacine.mbengue@canada.ca / ec.cnue-neec.ec@canada.ca
Urgences 24/7: 1-866-283-2333

National Environmental Emergencies Centre (NEEC)
Environment Canada / Government of Canada
yacine.mbengue@canada.ca / ec.cnue-neec.ec@canada.ca
Emergencies 24/7: 1-866-283-2333

De : CNUE / NEEC (EC)

Envoyé : 16 novembre 2018 14:38

À : CNUE / NEEC (EC) <ec.cnue-neec.ec@canada.ca>; EnforcementDuty (EC) <ec.enforcementduty.ec@canada.ca>; 'pollutionreports@gov.nl.ca' <pollutionreports@gov.nl.ca>; Wilhelm, Sabina (EC) <sabina.wilhelm@canada.ca>; Gjerdrum, Carina (EC) <carina.gjerdrum@canada.ca>; Donaldson, Garry (EC) <garry.donaldson@canada.ca>; Whittam, Becky (EC) <becky.whittam@canada.ca>; Ronconi, Robert (EC) <robert.ronconi@canada.ca>; EC.F EB-WED-ATL F.EC <EC.FEB-WED-ATL.EC@canada.ca>; SQEM Atlantique / MWQM Atlantic (EC) <ec.sqematlantique-mwqmatlantic.ec@canada.ca>; 'CSSPClosure@dfo-mpo.gc.ca' <CSSPClosure@dfo-mpo.gc.ca>; 'chris.hendry@dfo-mpo.gc.ca' <chris.hendry@dfo-mpo.gc.ca>; 'XNFLenvironmentalincidentreports@dfo-mpo.gc.ca' <XNFLenvironmentalincidentreports@dfo-mpo.gc.ca>; 'FPP.XNFL@dfo-mpo.gc.ca' <FPP.XNFL@dfo-mpo.gc.ca>; 'Labrador.MCTS@dfo-mpo.gc.ca' <Labrador.MCTS@dfo-mpo.gc.ca>

Cc : Thomas, Graham (EC) <graham.thomas@canada.ca>; Tulen, Lisa (EC) <lisa.tulen@canada.ca>

Objet : **UPDATE** NEEC Incident Notification: NL_2018/11/16_Searose FPSO_South White Rose Extension_Offshore_Oil slick

Good day,

Please note that the National Environmental Emergencies Centre (NEEC) was informed of the following incident. See attached updated report.

Mariana Dawe

Agente des opérations de notifications environnementales
Bureau de notifications environnementales, Centre National des Urgences Environnementales (CNUE)
Environnement et Changement climatique Canada | Gouvernement du Canada
mariana.dawe@canada.ca | ec.cnue-neec.ec@canada.ca
Urgences 24/7 : 1-866-283-2333

Environmental Notifications Operations Officer
Environmental Notifications Desk, National Environmental Emergencies Centre (NEEC)
Environment and Climate Change Canada | Government of Canada
mariana.dawe@canada.ca | ec.cnue-neec.ec@canada.ca
Emergencies 24/7: 1-866-283-2333

From: CNUE / NEEC (EC)

Sent: November 16, 2018 12:52 PM

To: EnforcementDuty (EC) <ec.enforcementduty.ec@canada.ca>; 'pollutionreports@gov.nl.ca' <pollutionreports@gov.nl.ca>; Wilhelm, Sabina (EC) <sabina.wilhelm@canada.ca>; Gjerdrum, Carina (EC) <carina.gjerdrum@canada.ca>; Donaldson, Garry (EC) <garry.donaldson@canada.ca>; Whittam, Becky (EC) <becky.whittam@canada.ca>; Ronconi, Robert (EC) <robert.ronconi@canada.ca>; EC.F EB-WED-ATL F.EC <EC.EB-WED-ATL.EC@canada.ca>; SQEM Atlantique / MWQM Atlantic (EC) <ec.sqematlantique-mwqmatlantic.ec@canada.ca>; 'CSSPClosure@dfo-mpo.gc.ca' <CSSPClosure@dfo-mpo.gc.ca>; 'chris.hendry@dfo-mpo.gc.ca' <chris.hendry@dfo-mpo.gc.ca>; 'XNFLenvironmentalincidentreports@dfo-mpo.gc.ca' <XNFLenvironmentalincidentreports@dfo-mpo.gc.ca>
Cc: Thomas, Graham (EC) <graham.thomas@canada.ca>; Tulen, Lisa (EC) <lisa.tulen@canada.ca>

Subject: NEEC Incident Notification: NL_2018/11/16_Searose FPSO_South White Rose Extension_Offshore_Oil slick

Hello,

Please note that the National Environmental Emergencies Centre (NEEC) was informed of the following incident: Please see report below.

Regards,

Mohamed Mbengue

Agent des opérations de notifications environnementales
Bureau de notifications environnementales, Centre National des Urgences Environnementales (CNUE)
Environnement et Changement climatique Canada / Gouvernement du Canada
mohamed.mbengue@canada.ca / ec.cnue-neec.ec@canada.ca

Urgences 24/7 : 1-866-283-2333

Environmental Notifications Operations Officer
Environmental Notifications Desk, National Environmental Emergencies Centre (NEEC)
Environment and Climate Change Canada / Government of Canada
mohamed.mbengue@canada.ca / ec.cnue-neec.ec@canada.ca
Emergencies 24/7 : 1-866-283-2333

De : MCTS Labrador / SCTM Labrador (DFO/MPO)

Envoyé : 16 novembre 2018 12:45

À : Allen, Karie ; Andrews, George M ; Birt, Trent ; canutec ; CCG ATL ROC / COR ATL GCC (DFO/MPO) ; CIS ISTOPdesk / SCG Bureau de SIPPS (EC) ; CNLOPB ; Couture, Chris ; Crann, Larry ; Doucet, John ; Dunderdale, Sara ; EC.F Emergencies On Call Duty [Atlantic] F.EC ; ERDutyOfficer / AgentsdeserviceaffectésàIIIE (DFO/MPO) ; Fukala, John P ; Gallagher, Quinn ; Gaudet, Julien D ; George, Terri Lynn ; Grant, Robert ; Guilbeault, Pierre ; Hayden, Gwen ; Hayden, Gwen ; Ivany, Gary ; Skopalik, Jan-Andrej (Ext.) ; Joly, Jean-Francois BNS, MBA ; jrcchalifax (jrcchalifax@sarnet.dnd.ca) ; Laidlaw, Keith ; PNSAATL, NASPATL (Ext.) ; EARMATl / MARTATl (EC) ; MART Atlantic temporary ; MCTS Labrador / SCTM Labrador (DFO/MPO) ; Miller, Anne ; Mitchell, Mary ; MRSC St. Johns ; MSOC-East / COSM-Est (DFO/MPO) ; NCC / CCN (DFO/MPO) ; CNUE / NEEC (EC) ; Peet, Neil ; Pelletier, Mario ; Pope, Renee ; Sitcen ; Spurrell, Wade ; tcmsdutyofficer

s.19(1)

(tcmsdutyofficer@tc.gc.ca) ; Vardy, Harvey ; Walker, Phillip ; Woodford, Jan

Cc : Safety.Placentia (Safety.Placentia@innav.gc.ca)

Objet : Marine Pollution # 180466 Type: oil slick, known source Location: SEAROSE FPSO, offshore NL

Labrador MCTS

709 896 2252

Marine Pollution Report

Report #: 180466

Source of Report: Andy Cooper

Report Date/Time UTC: Nov 16/1711 utc

Phone: [REDACTED]

Email: [REDACTED]

Remarks: Andy called from the SEAROSE FPSO

Address:

City: Offshore

Prov: NL

Posn (Lat/Long – If applicable): 46 44.6410N 048 00.6477W

Type (oil/diesel/chemical): oil slick

Weather: wind Northwest 45 knots, seas 8.4 metres.

Details:

November 16/1711 utc, Andy Cooper called from Husky Energy on the SEAROSE FPSO. Around 1220 local time (1550 utc) today, standby vessel ATLANTIC HAWK was dispatched to South White Rose Extension, to investigate issues with pressurization on flow line. When HAWK got on site they identified an oil slick about 1 mile long. At the time, they had whole area isolated. Nothing visible on surface now, slick broke up with waves.

Ship Data

Ship Name: SEAROSE FPSO

Callsign: VOXS

Vsl Type: Merchant (tanker)

POB:

LOA: 272.0 metres

GRT: 93984

Port of Registry: St. John's NL

Reg #:

Cargo:

Last port/Destination:

Owner/Agent:

Agencies Advised

Agency	TF (UTC)	Email
Environment Canada	1715 utc	EMAIL
Sr Response Officer	1716 utc	EMAIL
MCTS Placentia / VCP	1717 utc	EMAIL
JRCC		EMAIL
MRSC		EMAIL
DFO Communications		EMAIL
Marine Safety		EMAIL
TSB Dartmouth		EMAIL
ROC Duty Officer		EMAIL
Dept of Environment NL		
Dept of Environment NS		
Dept of Environment NB		
Dept of Environment PEI		
Halifax Port Authority		
Queen's Harbour Master		
Conservation & Protection		

CNLOPB		email
CNSOPB		
Other		

Regards,
Marine Pollution Reporting Desk
Labrador MCTS
709-896-2252

Environnement et
Changement climatique CanadaEnvironment and
Climate Change CanadaCentre National des Urgences Environnementales (CNUE)
National Environmental Emergencies Centre (NEEC)
ec.cnue-neec.ec@canada.ca | 1-866-283-2333**INCIDENT REPORT****NEEC Incident Number:** NL-20181116-06982-18Oil slick_Searose FPSO_South White Rose
Extension_Offshore, NL**Classification:** Pollution - Resource
Extraction - Offshore Facility**Incident Date/Time (Incident local):** 2018/11/16 12:20**Notification Date/Time (Montreal, QC local):** 2018/11/16 12:13

Substance	Qty	Unit
Hydrocarbon (NOS)	Unknown	N/A

Reported By: Andy Cooper

Husky Energy



Description: November 16/1711 utc, Andy Cooper called from Husky Energy on the SEAROSE FPSO. Around 1220 local time (1550 utc) today, standby vessel ATLANTIC HAWK was dispatched to South White Rose Extension, to investigate issues with pressurization on flow line. When HAWK got on site they identified an oil slick about 1 mile long. At the time, they had whole area isolated. Nothing visible on surface now, slick broke up with waves.

Update:

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Created By: Mohamed Mbengue (EC NEEC-EC CNUE)

Report Generated On: 11/17/2018 8:27:57 AM

Page 1 of 2

Canada

000075



UPDATE – CALL received at NEEC at 13h42 (MD) – Ken Taylor from Canada-Newfoundland Offshore Petroleum Board (phone number 709 778 1475) reports that spill is dispersing at the site and there are no further indications of new oil. Tracker buoys have been released. It is reported that at 14h local time (1730 UTC) it was 7.27 m. significant, and 11.5 m. maximum wave height; and that the wind was 29.8 knt. at 305° gusting to 34.5 knt.

PAL Provincial Airlines are currently doing the overflight.

Mr. Taylor is expecting to talk to the main contact at Husky Energy in 30 min to get another update. He will contact Graham Thomas shortly to update him as well.

Update 2. REC'D at NEOCC from NEEC Officer GT at November 16 at 16:16 and November 17 at 08:16.

An overflight was conducted yesterday at 1620 NST PAL and reported seeing two slicks: 1. At location 46 44.51 N 48 1.05 W volume estimated 0.27 litres and 2. At location 46 40 N 48 2 W volume estimated 3.207 m3 (3207 litres)

The product is White Rose Crude. Two tracker buoys have been deployed, one from the SeaRose FPSO and one from the Atlantic Hawke at the location of the slick. The overflight did not view any new upwelling of oil. Given unfavourable weather conditions, containment and cleanup is not possible at this time. Tracking and monitoring of the slick is being conducted using tracker buoys as well as trajectory modelling. The ISTOP image did not observe any oil but the resolution of the image may not have been fine enough to detect the size of the slick we are monitoring. A supply vessel left St. John's late last night with a seabird observer on board for contact surveys for local marine birds in the area. Later today the supply vessel Atlantic Hawke will be replaced with another vessel and it will resume tracking of the slick at that time. We will be receiving radarsat images later today. A second overflight is scheduled for this afternoon, November, 17. The weather is forecasted to improve on Monday or Tuesday.

Address: South White Rose Extension **City:** Offshore **Prov:** NL - Newfoundland and Labrador

Coordinates: 46.744017 -48.010795

Location: Searose FPSO

Notification to Stakeholders: Canadian Wildlife Service (CWS)
Department of Fisheries and Oceans (DFO)
EC Environmental Enforcement Directorate (EED)
EC Marine Water Quality Monitoring Program (MWQM)
EC Wildlife Enforcement Directorate (WED)
Service NL

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Created By: Mohamed Mbengue (EC NEEC-EC CNUE)

Pilgrim, Bret

From: Thomas, Graham (EC) <graham.thomas@canada.ca>
Sent: November-17-18 8:44 AM
To: Matheson, Kyle
Cc: Pilgrim, Bret
Subject: RE: Immediate Notification of Event - ER Atlantic, SEAROSE FPSO release estimated 250 cubic meters of crude - Initial

Thanks Kyle I am trying to get clarification on the volume being reported on the web and local media. That volume I was informed yesterday would be a worst case scenario not necessarily what was released. I am trying to get that info clarified because we are only using the volume observed yesterday 3207 litres as the volume for our modelling.

I would suggest you start pulling data together because of the attention this incident will get with these media reports. This volume would make this the largest crude spill in Canadian history from a production oil field exceeding the Terra Nova spill of 2004 which was 160 cubes.

When I get more clarification I will let you know.

Graham Thomas

Senior Officer, Preparedness and Response – Atlantic
National Environmental Emergencies Centre (NEEC) - Mount Pearl Office
Environmental Protection Operations Directorate
Environment and Climate Change Canada / Government of Canada
graham.thomas@canada.ca / Tel: 709-772-4285 / Cell : [REDACTED] / **Emergencies 24/7 : 1-866-283-2333**

Agent principal, Préparation et intervention – Atlantique
Centre national des urgences environnementales (CNUE) - Bureau de Mount Pearl
Direction des activités de protection de l'environnement
Environnement et Changement climatique Canada / Gouvernement du Canada
graham.thomas@canada.ca / Tél. : 709-772-4285 / Cell : [REDACTED] / **Urgences 24/7 : 1-866-283-2333**

From: Matheson, Kyle [<mailto:Kyle.Matheson@dfo-mpo.gc.ca>]
Sent: November 17, 2018 12:38 AM
To: Thomas, Graham (EC)
Cc: Pilgrim, Bret
Subject: Fw: Immediate Notification of Event - ER Atlantic, SEAROSE FPSO release estimated 250 cubic meters of crude - Initial

Hi Graham, I just saw this report and realize information will still be coming in. Do you have any specific requests from DFO at this time? I am available this weekend and can pull together any information that is needed.

With this volume released offshore would we expect much of the oil to disperse naturally?

Cheers, Kyle

Sent from my BlackBerry 10 smartphone on the Bell network.

From: MCTS Halifax / SCTM Halifax (DFO/MPO) <Supervisor.MCTS-Halifax@dfo-mpo.gc.ca>

Sent: Friday, November 16, 2018 11:34 PM

Subject: Immediate Notification of Event - ER Atlantic, SEAROSE FPSO release estimated 250 cubic meters of crude - Initial

Description of threat/event: *At 15:30 Local Time, 16/11/2018, the SEAROSE FPSO reported losing approximately 250 cubic meters of crude while circulating crude through their subsea line in preparation to go back in production after being shut down for the recent powerful storm.*

Anticipated Media Attention: *NTV news has reported on this.*

Program Reporting: *CCG Environmental Response*

Current CCG Actions: *CCG ER has contacted CNLOPB, the Lead Agency, who are working with the owner/operator, Husky Energy. PAL has also been contacted and have completed an overflight today.*

Current Actions (other): *Husky Energy and CNLOPB have met and started to produce an action plan. ECRC has been activated. ECCC, CWS and CCG ER have been briefed by the CNLOPB. PAL was contracted by Husky to complete an over flight today reporting observing a sheen of 3 cubic meters.*

Initial analysis/impact assessment on CCG: *No impact on CG programs.*

Notification provided to: *Regular distribution of information.*

Next Steps: *CCG ER remains in contact with CNLOPB, as they conduct their assessment of the incident, in the event CCG assistance is required. A significant storm event has been in the area over last few days and conditions currently, seas 6-8 meters and winds at 45 knots with another system moving through over weekend. Weather conditions on site are preventing a ROV from being deployed to investigate the source. CNLOPB suggest may be Monday before able to deploy ROV due to weather and ECCC is working on mass balance and trajectory modelling for incident. Largest amount of oil reported to date on surface of the water by surveillance aircraft is 3 cubic meters. Surveillance of the site will continue.*

DISCLAIMER ***This Information is preliminary and subject to change. Further, the information given for some occurrences may not have been verified / validated by CCG. Therefore, caution should be used when using this information.*

Matheson, Kyle

From: Matheson, Kyle
Sent: November-17-18 2:10 PM
To: Thomas, Graham (EC)
Cc: Pilgrim, Bret
Subject: Re: Update information for clarification

Thanks Graham.

I have some preliminary information to pass long, which we can narrow down further and specify as needed.

There is generally no fishing around the SEAROSE and offshore fishing vessels have stopped fishing at the moment because of the weather. I have not yet verified if there is a legislative agreement for exclusion of fishing near offshore activities or if it is only a general agreement. Therefore, fishing activity is not a high immediate concern.

The area of the incident is not specified at or close to a MPA or other designated area (e.g EBSA).

There may be a relatively high diversity of marine mammals in the area compared to adjacent areas (small whales, porpoises, dolphins, seals). I don't believe it is season for highest abundance, but will confirm exact species/seasonality with experts on Monday (as needed).

Otherwise, most species at risk and other fish species are pelagic or benthic, which would unlikely experience any impacts from this incident (particularly based on widespread abundance compared to current small area of spill).

Cheers, Kyle

Sent from my BlackBerry 10 smartphone on the Bell network.

From: Thomas, Graham (EC)
Sent: Saturday, November 17, 2018 10:01 AM
To: CNUE / NEEC (EC); Tulen, Lisa (EC); ERDutyOfficer / AgentsdeserviceaffectésàIE (DFO/MPO); Wilhelm, Sabina (EC); Ronconi, Robert (EC); Whittam, Becky (EC); Matheson, Kyle; Pilgrim, Bret; EC.O Agents de service SUST / ESTS Duty Officers O.EC
Subject: Update information for clarification

I have spoken with Jeff O'keefe C-NLOPB regarding the 250 cubic metres of product reported in the media and on the C-NLOPB web site. The decision was made to use the worst case scenario for release volume until the incident has been fully investigated and a determined volume calculated. The reasoning is if the volume is lower it is easier to explain than starting low and moving higher as more information is known. ECCC is continuing to use the 3207 litres observed by the PAL aircraft yesterday for modeling until we have new information. Another flight with a CCG ER observer on behalf of the C-NLOPB on board is scheduled for 1300 NST today weather permitting. Weather conditions are not good on site but there may be a one hour weather window later today in between storms when a ROV can be deployed, otherwise it will be Monday or Tuesday before a survey can be done.

A supply vessel left St. John's late last night with a seabird observer on board. A request has been made for a copy of Husky Energy's Wildlife Response Plan and to receive daily updates on their wildlife activities and observations, the C-NLOPB is coordinating all requests.

I am meeting with the C-NLOPB at their offices at 1100 NST today.

Graham Thomas

Senior Officer, Preparedness and Response – Atlantic
National Environmental Emergencies Centre (NEEC) - Mount Pearl Office
Environmental Protection Operations Directorate
Environment and Climate Change Canada / Government of Canada
graham.thomas@canada.ca / Tel: 709-772-4285 / Cell : [REDACTED] **Emergencies 24/7 : 1-866-283-2333**

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graham.thomas@canada.ca / Tél. : 709-772-4285 / Cell : [REDACTED] **Urgences 24/7 : 1-866-283-2333**

Pilgrim, Bret

From: Thomas, Graham (EC) <graham.thomas@canada.ca>
Sent: November-17-18 6:14 PM
To: Wilhelm, Sabina (EC); Ronconi, Robert (EC); Whittam, Becky (EC); Matheson, Kyle; Pilgrim, Bret
Cc: CNUE / NEEC (EC); Tulen, Lisa (EC); Leblanc3, Stéphane (EC)
Subject: White Rose update.

Latest PAL overflight info conveyed by Bruce English CCG ER:

No new oil observed at the drill centre location or around the FPSO.

Sea state was 5 - 8 m winds 40 - 50 kts (no direction)

Slick was found a couple of km south of the tracker buoy, it was difficult to see but visibility was good. Slick was very well spread out over an area estimated to be 21 km x 8 km (168 km²) 35 % coverage (95 % Tar code A) (5% Tar Code B). no fresh oil observed. Long wind rows. Total estimate 2445 litres.

This is an indication we are dealing with a batch spill from yesterday and no ongoing release. Investigation into the exact source needs an ROV survey etc there may be a limited weather window tomorrow to get a ROV into the water. The ROV may be able to determine exactly where the leak occurred and for that we can better estimate the volume spilled.

Some gulls were observed in the area but not large numbers, it was hard to find birds given the conditions.

The C-NLOPB has been very happy with the summary information on resources at risk which you provided. If on Monday you can provide more details etc that would be also appreciated. Another flight is scheduled for tomorrow with Bruce English on it as well. Hopefully tomorrows observations are consistent with what was seen today.

Weather conditions have not permitted Husky to lower its Single Vessel Side Sweep system to a supply vessel, a second system is enroute from St. John's, NL but weather conditions for deploying the equipment are not in the forecast for a few days yet.

ISTOP image was not fine enough resolution to observe the slick.

Wildlife Response Plan is being worked on at the request of the C-NLOPB as soon as it is available it will need a thorough review by both DFO and CWS for regulatory approval to ensure it meets your mandates requirements. If it does not the C-NLOPB will ask for guidance on how the Plan needs to be upgraded.

I am not planning on being at the C-NLOPB tomorrow but will be available remotely as needed. NEEC through ESTS provided multiple spill trajectory models today at the request of the C-NLOPB. Additional models will be provided tomorrow. Tracker buoy data and flight reports are showing the models are providing good reliable trajectories. ESTS is reviewing additional data from two overflights before producing the evening model tonight, therefore it is delayed.

Graham Thomas

Senior Officer, Preparedness and Response – Atlantic
National Environmental Emergencies Centre (NEEC) - Mount Pearl Office

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Crann, Larry

From: Okeefe, Jeff <JOkeefe@cnlopb.ca>
Sent: November-17-18 3:33 PM
To: 'graham.thomas@canada.ca'; Crann, Larry
Subject: FW: Spill update from Husky

This is an update from Husky
On Saturday afternoon November 17

From: Rideout, Lesley
Sent: Saturday, November 17, 2018 3:14 PM
To: Tessier, Scott; Murphy, Tim; Burley, Dave; Young, Elizabeth; Okeefe, Jeff
Subject: FW: Spill update from Husky

You may have already received this. Husky comms will be sending these updates around to govs. Nothing new, just in a neater format.

**Pages 84 to / à 85
are withheld pursuant to section
sont retenues en vertu de l'article**

24(1)

**of the Access to Information Act
de la Loi sur l'accès à l'information**

White, Ann-Margaret

From: White, Ann-Margaret
Sent: November-17-18 12:28 PM
To: Vardy, Harvey
Subject: APPROVED: ER Atlantic, SEAROSE FPSO release estimated 250 cubic meters of crude -
Sit Rep # 1

Approved, please disseminate.

Thank you | merci

Ann-Margret White

Acting Assistant Commissioner | Commissaire adjointe p.i.
Canadian Coast Guard Atlantic Region | Garde côtière canadienne la région de l'Atlantique

Regional Director | Directrice régionale
Integrated Business Management Services | Services de gestion intégrée des affaires
Canadian Coast Guard Atlantic Region | Garde côtière canadienne la région de l'Atlantique
P.O. Box 5667, St. John's, NL, A1C 5X1 | C.P. 5667, Saint-Jean, T-N-L, A1C 5X1

Ann-Margaret.White@dfo-mpo.gc.ca

Tel: 709-772-5496 Cel: 
Government of Canada | Gouvernement du Canada

From: Vardy, Harvey
Sent: November-17-18 12:12 PM
To: White, Ann-Margaret
Subject: Fw: ER Atlantic, SEAROSE FPSO release estimated 250 cubic meters of crude -Sit Rep # 1

Ann-Margaret
For your approval.

Harv

Sent from my BlackBerry 10 smartphone on the Bell network.

From: Yard, David C <David.Yard@dfo-mpo.gc.ca>
Sent: Saturday, November 17, 2018 11:40 AM
To: Vardy, Harvey
Subject: ER Atlantic, SEAROSE FPSO release estimated 250 cubic meters of crude -Sit Rep # 1

1. CCG Region/Incident Name: Sea Rose FPSO release estimated at 250 cubic meters of crude
2. Incident Category/Type: Marine ER Type 4
3. Date/Time: November 17, 11:00hrs
4. Primary Department(s)/Agency(s): C-NNLOPB

5. Supporting Departments/Agencies: ECCC, CCG, CWS
6. Regional Location: Atlantic
 - a. Province/Territory: Newfoundland and Labrador
 - b. City: NA
 - c. Amplifying location: Sea Rose FPSO, White Rose Oil Field
7. Current Situation: At 15:30 Local Time, 16/11/2018, the SEAROSE FPSO reported losing approximately 250 cubic meters of crude while circulating crude through their subsea line in preparation to go back in production after being shut down for the recent powerful storm. Surveillance flight was conducted late Friday afternoon and observed approximately 3 cubic meters of crude oil on the surface. There may be a possible weather window between storms systems today to deploy an ROV for sub surface assessment. Spill tracker buoys have been deployed.
8. Actions Taken: CCG remains in contact with C-NLOPB, and ECCC as Husky Energy conducts assessment and develops a response plan. CCG and the RO ECRC representatives have departed aboard surveillance flight at 11:00hrs.
Current Actions (other): Husky Energy has stood up their response center in St. John's. ECRC has been activated and will accompany CCG on today's surveillance flight. Spill tractor buoys have been deployed. Mass balance and spill trajectory has been run by ECCC.
9. Media/Public Communications: Local media outlets have been reporting on the incident.
10. Activities Next 24 Hours: CCG ER personnel will remain in contact with C-NLOPB as assessment progresses and will continue to monitor incident for developments.
11. Environmental Factors: Back to back storm systems passing through area are affecting on-water operations. 'Storm' force winds of 48 to 63 knots are occurring or expected to occur in this marine area. Seas 5 to 7 meters building to 7 to 10 this morning then subsiding to 5 to 7 near midnight. Seas subsiding to 3 to 5 Sunday morning
12. Significant Issues: N/A
13. Personnel Status: One ER Personnel on surveillance flight.
14. Equipment Status: N/A
15. New Requirements: N/A
16. Command Assessment: Continue to monitor incident for further developments and support C-NNOPB as required.
17. Next SITREP: Approximately 16:00 local time after today's surveillance flight.

White, Ann-Margaret

From: Gascon, Julie
Sent: November-17-18 12:36 PM
To: White, Ann-Margaret; Spurrell, Wade
Cc: Vardy, Harvey; LeBlanc, Brian (Executive Director, CCGC); Miller, Anne; Gaudet, Julien D; Joly, Jean-Francois BNS, MBA; Llewellyn, Don
Subject: Re: HEADS UP: NINP Sitrep #1 (approved regionally / soon to be issued) - SEAROSE FPSO - Estimated release from November 16

Ack MERCI!

Julie Gascon

From: White, Ann-Margaret
Sent: Saturday, November 17, 2018 10:58 AM
To: Spurrell, Wade; Gascon, Julie
Cc: Vardy, Harvey; LeBlanc, Brian (Executive Director, CCGC); Miller, Anne; Gaudet, Julien D; Joly, Jean-Francois BNS, MBA; Llewellyn, Don
Subject: HEADS UP: NINP Sitrep #1 (approved regionally / soon to be issued) - SEAROSE FPSO - Estimated release from November 16

All,

Sitrep #1 SEAROSE FPSO has been approved and will soon be issued.

1. CCG Region/Incident Name: Sea Rose FPSO release estimated at 250 cubic meters of crude
2. Incident Category/Type: Marine ER Type 4
3. Date/Time: November 17, 11:00hrs
4. Primary Department(s)/Agency(s): C-NLOPB
5. Supporting Departments/Agencies: ECCC, CCG, CWS
6. Regional Location: Atlantic
 - a. Province/Territory: Newfoundland and Labrador
 - b. City: NA
 - c. Amplifying location: Sea Rose FPSO, White Rose Oil Field
7. Current Situation: At 15:30 Local Time, 16/11/2018, the SEAROSE FPSO reported losing approximately 250 cubic meters of crude while circulating crude through their subsea line in preparation to go back in production after being shut down for the recent powerful storm. Surveillance flight was conducted late Friday afternoon and observed approximately 3 cubic meters of crude oil on the surface. There may be a possible weather window between storms systems today to deploy an ROV for sub surface assessment. Spill tracker buoys have been deployed.
8. Actions Taken: CCG remains in contact with C-NLOPB, and ECCC as Husky Energy conducts assessment and develops a response plan. CCG and the RO ECRC representatives have departed aboard surveillance flight at 11:00hrs.
Current Actions (other): Husky Energy has stood up their response center in St. John's. ECRC has been activated and will accompany CCG on today's surveillance flight. Spill tractor buoys have been deployed. Mass balance and spill trajectory has been run by ECCC.
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11. Environmental Factors: Back to back storm systems passing through area are affecting on-water operations. 'Storm' force winds of 48 to 63 knots are occurring or expected to occur in this marine area. Seas 5 to 7 meters building to 7 to 10 this morning then subsiding to 5 to 7 near midnight. Seas subsiding to 3 to 5 Sunday morning
12. Significant Issues: N/A
13. Personnel Status: One ER Personnel on surveillance flight.
14. Equipment Status: N/A
15. New Requirements: N/A

16. Command Assessment: Continue to monitor incident for further developments and support C-NLOPB as required.

17. Next SITREP: Approximately 16:00 local time after today's surveillance flight.

Thank you | merci

Ann-Margret White

Acting Assistant Commissioner | Commissaire adjointe p.i.

Canadian Coast Guard Atlantic Region | Garde côtière canadienne la région de l'Atlantique


Regional Director | Directrice régionale

Integrated Business Management Services | Services de gestion intégrée des affaires

Canadian Coast Guard Atlantic Region | Garde côtière canadienne la région de l'Atlantique

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Tel: 709-772-5496 Cel: 

Government of Canada | Gouvernement du Canada

07 / 11 / 18

MAR RAC (TC) MEETING

↳ much of same as NL RAC
(different RO update)

SEA ROSE INCIDENT 17/11/2018 (46.6667, -48.0333)

- no fishing expected \Rightarrow generally stay away from SEAROSE and offshore activity, but all offshore boats have stopped fishing currently due to weather

- small whales, baleen whales may be in the area (although may be fewer due to season - check?)
↳ possible killer whales? MARINE MAMMALS

- NO EBSAs
↳ 3-5 species in area from EBSA maps (a bit of a hotspot)

↳ no immediate concern for pelagic or benthic species

* Hooded/Harf seal possibly close, but not right on spill site (season? check?)

18 / 11 / 2018

⇒ CHAT WITH GRAHAM

⇒ main mammal observations
 ↳ redesigning plan to cover
 main mammals

* design of transects for bird surveys

ECCC has all

↳ TONY CANA (LGL)

→ [REDACTED] (ECCC)

→ [REDACTED] (Hushy?)

→ BRUCE MACINTOSH → new bird

EDGEWATER

↳ Band has asked for credential
 of observer / and vessel

- tomorrow or next day for ROV

⇒ released @ 130 m depth (sea floor
 was where incident occurred)

(19/11/18)

SEAROSE INCIDENT

- WILDLIFE UPDATE -

- observer credentials (re marine mammal)
- column to insert data in spreadsheet (even if nil)
- photograph of any marine mammal observed

- ROB RONCO ~~W~~ (CWS)
- DARREN / MELISSA (ENLOPB)
- SABINA W (CWS)
- BECKY (CWS)
- STEVE BETTLES (HOSKY)
- CRAIG PAROY (HOSKY) → IC

★ 6 small spot of oil detected SSW of SEAROSE (in the morning's surveillance flight)

→ surveys are being changed to be 'wildlife surveys' to include any observation of mammal / turtle etc (to be noted in spreadsheet)
↳ request for images of any marine mammal was made

★ pod of dolphins observed ~~pod of~~ observed near slick seen this morning (PIERRE RYAN from CWS on flight)
↳ information to come in report

19/11/18

→ Rob R made request to see further details of plan (e.g. how are areas being prioritized)

→ VINLAND sent

- will get grid of planned survey area and where oil is observed
 - ↳ go to truck boat to survey to closest observed oil
 - include stream to date, priority area, survey area etc

- 3 oiled birds captured yesterday (Nov. 18)
 - ↳ 2 are moved to sealed rehab facility (1 found a SEAROSE, 1 on dispatcher)

- TRISTATE is on standby
- SUNCOR rehab facility (ST. JOHN'S) only permitted for 10 birds (for 10 days)
 - ↳ could move to Stan Tobin facility, (for longer term rehab), but ~~renew~~ renewal of permits is still required

22/11/18

SCIENCE TABLE (WHITE ROSE - SEAROSE FSP0)

- still unsure of total volume released
- EEM (Env. effect monitoring) → sampling plans routinely for regulation → can learn more through Jason / Bart
- CWS conducting beach bird survey program to check for any oiled birds coming to shore (not expecting any, but anticipatory/precautionary)
- oil subject to microbial degradation (the most likely fate)
↳ emulsions are possible, but not highly anticipated

24/11/18

WILDLIFE REPORT CALL

⇒ 1 unidentified whale from Chieftan

↳ whale reported on 22/11/18
was from Chieftan no Skandi
Vinland or reported

⇒ discussion on sampling of bird
feather

Table 2 - running tally of marine
mammal sightings too?

↳ consistency among reports
↳ Vinland made no mention
of marine mammals (presence/absence)

* no scheduled overflights going forward
currently planned

WILDLIFE CALL

25/11/18

1-877-560-9149

- seastar came up, as transect were
stopped for safety at some point
b/w 12-1 pm

↳ only Chieftan reported presence/absence
of marine mammals

25/11/18

WILDLIFE CALL (CONT)

- no flight going forward unless requested (by CWS or other)
- all blocks planned to be surveyed by end of today

* request made to note if a presence or absence of marine mammal was observed

* suggested that DFO does not need space on upcoming surveys

26/11/18 → WILDLIFE CALL

GRAHAM THOMAS, ROB RONCONI, PAUL ENLOPB, SABINA (w MICHELLE & PIERRE) - CWS

↳ only Dispatcher did transect (others prevented bc of sea state)
↳ Vialand heading back into the field today

• wildlife surveillance flight for today is a go, but no plan yet for future ones

White, Ann-Margaret

From: White, Ann-Margaret
Sent: November-17-18 12:30 PM
To: Hutchinson, Jeffery
Subject: Sitrep #1 NINP Searose has been approved and will be issued soon

Commissioner:

Wade / Julie, team, etc. were just sent this heads up for Sitrep #1 enroute.

All,

Sitrep #1 SEAROSE FPSO has been approved and will soon be issued.

1. CCG Region/Incident Name: Sea Rose FPSO release estimated at 250 cubic meters of crude
2. Incident Category/Type: Marine ER Type 4
3. Date/Time: November 17, 11:00hrs
4. Primary Department(s)/Agency(s): C-NLOPB
5. Supporting Departments/Agencies: ECCC, CCG, CWS
6. Regional Location: Atlantic
 - a. Province/Territory: Newfoundland and Labrador
 - b. City: NA
 - c. Amplifying location: Sea Rose FPSO, White Rose Oil Field
7. Current Situation: At 15:30 Local Time, 16/11/2018, the SEAROSE FPSO reported losing approximately 250 cubic meters of crude while circulating crude through their subsea line in preparation to go back in production after being shut down for the recent powerful storm. Surveillance flight was conducted late Friday afternoon and observed approximately 3 cubic meters of crude oil on the surface. There may be a possible weather window between storms systems today to deploy an ROV for sub surface assessment. Spill tracker buoys have been deployed.
8. Actions Taken: CCG remains in contact with C-NLOPB, and ECCC as Husky Energy conducts assessment and develops a response plan. CCG and the RO ECRC representatives have departed aboard surveillance flight at 11:00hrs.
Current Actions (other): Husky Energy has stood up their response center in St. John's. ECRC has been activated and will accompany CCG on today's surveillance flight. Spill tractor buoys have been deployed. Mass balance and spill trajectory has been run by ECCC.
9. Media/Public Communications: Local media outlets have been reporting on the incident.
10. Activities Next 24 Hours: CCG ER personnel will remain in contact with C-NLOPB as assessment progresses and will continue to monitor incident for developments.
11. Environmental Factors: Back to back storm systems passing through area are affecting on-water operations. 'Storm' force winds of 48 to 63 knots are occurring or expected to occur in this marine area. Seas 5 to 7 meters building to 7 to 10 this morning then subsiding to 5 to 7 near midnight. Seas subsiding to 3 to 5 Sunday morning
12. Significant Issues: N/A
13. Personnel Status: One ER Personnel on surveillance flight.
14. Equipment Status: N/A
15. New Requirements: N/A
16. Command Assessment: Continue to monitor incident for further developments and support C-NLOPB as required.
17. Next SITREP: Approximately 16:00 local time after today's surveillance flight.

Thank you | merci

Ann-Margret

From: White, Ann-Margaret
Sent: November-17-18 11:25 AM
To: Hutchinson, Jeffery
Subject: RDG-M advised: - ROCATL 2018/046, CCGS Corporal McLaren Partially Submerged at Sambro, NS

Just spoke with RDG-M. No further calls requested by MEV. She is fine with receiving further McLaren updates either via NINPs or emails from DFO-M Comms leads. She has my cell.

From: White, Ann-Margaret
Sent: November-17-18 11:11 AM
To: Hutchinson, Jeffery
Subject: RE: White A/AC Atlantic: Immediate Notification of Event - ROCATL 2018/046, CCGS Corporal McLaren Partially Submerged at Sambro, NS

Understood, thanks for reaching out.

AMW

s.16(2)

s.19(1)

s.21(1)(b)

From: Hutchinson, Jeffery
Sent: November-17-18 11:08 AM
To: White, Ann-Margaret
Subject: RE: White A/AC Atlantic: Immediate Notification of Event - ROCATL 2018/046, CCGS Corporal McLaren Partially Submerged at Sambro, NS

Thanks! Don't hesitate to feed me info. [REDACTED]

[REDACTED] I will keep you posted from this end and will add you to my update pins to the DM.

Thanks for being on top of this situation and ... we are all keeping a keen watch on the Sea Rose. You can bet that people here will be scanning media all day on that one. I'll need up to the minute as you learn anything from the overflight. My cell is [REDACTED] Don't hesitate at all to call. [REDACTED]

Cheers
Jeff

From: White, Ann-Margaret
Sent: Saturday, November 17, 2018 09:32
To: Hutchinson, Jeffery <Jeffery.Hutchinson@dfo-mpo.gc.ca>; Valkenier, Mary-Ellen <Mary-Ellen.Valkenier@dfo-mpo.gc.ca>
Cc: LeBlanc, Brian (Executive Director, CCGC) <Brian.Lebanc@dfo-mpo.gc.ca>; Spurrell, Wade <Wade.Spurrell@DFO-MPO.GC.CA>
Subject: White A/AC Atlantic: Immediate Notification of Event - ROCATL 2018/046, CCGS Corporal McLaren Partially Submerged at Sambro, NS

Commissioner,

I'm Acting Assistant Commissioner for the period November 12-19. I am currently at the Southside Base with SRD Fleet and FEMP members.

Mary-Ellen: my cell [REDACTED] Will call you momentarily.

Ann-Margret White

Acting Assistant Commissioner Atlantic Region
Commissaire adjointe p.i. région de l'Atlantique

(November 12 – 19 / le 12 au 19 novembre)

Regional Director | Directrice régionale
Integrated Business Management Services | Services de gestion intégrée des affaires
Canadian Coast Guard Atlantic Region | Garde côtière canadienne la région de l'Atlantique
P.O. Box 5667, St. John's, NL, A1C 5X1 | C.P. 5667, Saint-Jean, T-N-L, A1C 5X1

Ann-Margaret.White@dfo-mpo.gc.ca

Tel: 709-772-5496 Cell: [REDACTED]
Government of Canada | Gouvernement du Canada

From: LeBlanc, Brian (Executive Director, CCGC)
Sent: November-17-18 10:52 AM
To: Hutchinson, Jeffery; Valkenier, Mary-Ellen; Blewett, Catherine; Spurrell, Wade
Cc: White, Ann-Margaret
Subject: Re: Immediate Notification of Event - ROCATL 2018/046, CCGS Corporal McLaren Partially Submerged at Sambro, NS

[REDACTED] An ER team has been dispatched to the scene and the local Lifeboat Dtagionn Crew were tasked to deploy boom around the stern.

I will have to sign off shortly for the flight.

----- Original message -----

From: "Hutchinson, Jeffery" <Jeffery.Hutchinson@dfo-mpo.gc.ca>
Date: 2018-11-17 9:10 AM (GMT-05:00)
To: "Valkenier, Mary-Ellen" <Mary-Ellen.Valkenier@dfo-mpo.gc.ca>, "Blewett, Catherine" <Catherine.Blewett@dfo-mpo.gc.ca>, "LeBlanc, Brian (Executive Director, CCGC)" <Brian.LebLANC@dfo-mpo.gc.ca>, "Spurrell, Wade" <Wade.Spurrell@DFO-MPO.GC.CA>
Subject: FW: Immediate Notification of Event - ROCATL 2018/046, CCGS Corporal McLaren Partially Submerged at Sambro, NS

See reference to amount of fuel on board. Steps being taken to contain potential spill.

Description of threat/event: At 1200 UTC , Nov 17, 2018 CCGS Corporal McLaren was reported to be partially submerged in water after slipping off the cradle at refit location in Sambro, NS.

Anticipated Media Attention: High. Stephen Bornais, DFO Maritimes Communications Advisor, currently working on communication lines.

Program Reporting: Fleet Atlantic

Current CCG Actions: FEMP has been activated. Environmental Response working on the case , approximately 2000L of Diesel on board. ER requested that CCGS Sambro lifeboat station deploy their boom immediately.

Current Actions (other): RCMP contacted to investigate.

Initial analysis/impact assessment on CCG: C&P Program will be affected due to vessel delay in return to service (RTS).

Notification provided to: FEMP Distribution

Next Steps: Marine Engineering / Environmental Response to assess the situation to determine damage to vessel.

*DISCLAIMER **This Information is preliminary and subject to change. Further, the information given for some occurrences may not have been verified / validated by CCG. Therefore, caution should be used when using this information.*

Dunderdale, Sara

From: Dunderdale, Sara
Sent: November-17-18 2:25 PM
To: White, Ann-Margaret
Subject: Re: Would you please provide RDG's cell number? Need to call

OK sounds good.

Sent from my BlackBerry 10 smartphone on the Bell network.

From: White, Ann-Margaret
Sent: Saturday, November 17, 2018 2:22 PM
To: Dunderdale, Sara
Subject: RE: Would you please provide RDG's cell number? Need to call

That was all from me to Barry. I will leave with Harvey if he is requesting lines as A/RD IM. /

From: Dunderdale, Sara
Sent: November-17-18 2:22 PM
To: White, Ann-Margaret
Subject: Re: Would you please provide RDG's cell number? Need to call

OK. I will let you k of if I hear anything or if media call.

Sent from my BlackBerry 10 smartphone on the Bell network.

From: White, Ann-Margaret
Sent: Saturday, November 17, 2018 2:20 PM
To: Dunderdale, Sara
Subject: RE: Would you please provide RDG's cell number? Need to call

I sent Barry an email as Acting RDG for quick chat about SeaRose and if Science info is moved up to keep us in the loop.

From: Dunderdale, Sara
Sent: November-17-18 2:18 PM
To: White, Ann-Margaret
Subject: Re: Would you please provide RDG's cell number? Need to call

No problem. I see an email from Harvard saying you want some lines? I can draft some now and send to you all for approval. As of now we have no media calls.

Sent from my BlackBerry 10 smartphone on the Bell network.

From: White, Ann-Margaret
Sent: Saturday, November 17, 2018 2:16 PM
To: Dunderdale, Sara
Subject: RE: Would you please provide RDG's cell number? Need to call

Thanks Sara, I have his cell from Annette and no answer. I will send him an email

From: Dunderdale, Sara
Sent: November-17-18 2:15 PM
To: White, Ann-Margaret
Subject: Re: Would you please provide RDG's cell number? Need to call

Barry McCallum is acting. I will check for his number.

Sent from my BlackBerry 10 smartphone on the Bell network.

From: White, Ann-Margaret
Sent: Saturday, November 17, 2018 11:13 AM
To: Dunderdale, Sara
Cc: Whiffen, Sam
Subject: Would you please provide RDG's cell number? Need to call

Thank you | merci

Ann-Margret White

Regional Director | Directrice régionale
Integrated Business Management Services | Services de gestion intégrée des affaires
Canadian Coast Guard Atlantic Region | Garde côtière canadienne la région de l'Atlantique
P O Box 5667, St John's, NL, A1C 5X1 | C.P. 5667, Saint-Jean, T-N-L, A1C 5X1

Ann-Margaret.White@dfo-mpo.gc.ca

Tel: 709-772-5496 Cel: 
Government of Canada | Gouvernement du Canada

Matheson, Kyle

From: Matheson, Kyle
Sent: November-17-18 12:25 AM
To: McCallum, Barry
Cc: Mansour, Atef A H; Clarke, Keith
Subject: AMBER Fw: Immediate Notification of Event - ER Atlantic, SEAROSE FPSO release estimated 250 cubic meters of crude - Initial

250 tonnes of crude was released from subsea lines from SEAROSE FPSO. Current weather is preventing ROVs to investigate the source. It has been picked up by the CBC too.

I am following up with ECCC and CCG.

I expect a lot of the oil will disperse naturally with the current rough sea conditions.

Cheers, Kyle

Sent from my BlackBerry 10 smartphone on the Bell network.

From: MCTS Halifax / SCTM Halifax (DFO/MPO) <Supervisor.MCTS-Halifax@dfo-mpo.gc.ca>
Sent: Friday, November 16, 2018 11:34 PM
Subject: Immediate Notification of Event - ER Atlantic, SEAROSE FPSO release estimated 250 cubic meters of crude - Initial

Description of threat/event: *At 15:30 Local Time, 16/11/2018, the SEAROSE FPSO reported losing approximately 250 cubic meters of crude while circulating crude through their subsea line in preparation to go back in production after being shut down for the recent powerful storm.*

Anticipated Media Attention: *NTV news has reported on this.*

Program Reporting: *CCG Environmental Response*

Current CCG Actions: *CCG ER has contacted CNLOPB, the Lead Agency, who are working with the owner/operator, Husky Energy. PAL has also been contacted and have completed an overflight today.*

Current Actions (other): *Husky Energy and CNLOPB have met and started to produce an action plan. ECRC has been activated. ECCC, CWS and CCG ER have been briefed by the CNLOPB. PAL was contracted by Husky to complete an over flight today reporting observing a sheen of 3 cubic meters.*

Initial analysis/impact assessment on CCG: *No impact on CG programs.*

Notification provided to: *Regular distribution of information.*

Next Steps: *CCG ER remains in contact with CNLOPB, as they conduct their assessment of the incident, in the event CCG assistance is required. A significant storm event has been in the area over last few days and conditions currently, seas 6-8 meters and winds at 45 knots with another system moving through over weekend. Weather conditions on site are preventing a ROV from being deployed to investigate the source. CNLOPB suggest may be Monday before able to deploy ROV due to weather and ECCC is working on mass balance and trajectory modelling for incident. Largest amount of oil reported to date on surface of the water by surveillance aircraft is 3 cubic meters. Surveillance of the site will continue.*

*DISCLAIMER **This Information is preliminary and subject to change. Further, the information given for some occurrences may not have been verified / validated by CCG. Therefore, caution should be used when using this information.*

Dunderdale, Sara

From: Dunderdale, Sara
Sent: November-17-18 6:15 PM
To: Sloan, Glen
Cc: Whiffen, Sam; Trudeau, Miriam
Subject: Fw: Approved: For approval: Lines on Spill

Hi Glen - over to you!

Sent from my BlackBerry 10 smartphone on the Bell network.

From: White, Ann-Margaret <Ann-Margaret.White@dfo-mpo.gc.ca>
Sent: Saturday, November 17, 2018 6:14 PM
To: Dunderdale, Sara
Cc: Whiffen, Sam; Vardy, Harvey
Subject: Approved: For approval: Lines on Spill

Approved, thanks.

AM White

From: Dunderdale, Sara
Sent: Saturday, November 17, 2018 6:02 PM
To: White, Ann-Margaret
Cc: Whiffen, Sam; Vardy, Harvey
Subject: Re: For approval: Lines on Spill

Updated

Sent from my BlackBerry 10 smartphone on the Bell network.

From: Dunderdale, Sara
Sent: Saturday, November 17, 2018 3:49 PM
To: White, Ann-Margaret
Cc: Whiffen, Sam; Vardy, Harvey
Subject: For approval: Lines on Spill

Sent from my BlackBerry 10 smartphone on the Bell network.

Hi Ann Margaret,

For approval - see below. These have been reviewed by Dave, Bob and Larry and approved by Harvey.

Once approved I will send to NHQ for approval.

Issue:

At 15:30 on Friday November 16, the SeaRose FPSO reported losing approximately 250 cubic meters of crude as they resumed operations after inclement weather in Newfoundland. A surveillance flight late Friday afternoon observed 3 cubic meters of crude on the surface over 168 sq kilometers. Husky Energy has stood up their response center and the ECRC has been activated. They are conducting an assessment and developing a response plan. CCG remains in contact with the CNLOPB and ECCC, and have participated in the surveillance flight that took place Saturday, November 17 at 11:00am. There is another flight planned for tomorrow.

Approach:

To date there have been no media inquiries for the CCG. We will continue to monitor and provide reactive responses.

Media Lines:

- The Canadian Coast Guard received a report at 15:30 on November 16 that the Searose FPSO off the coast of Newfoundland had lost approximately 250 cubic meters of crude.
- The Canadian Coast Guard is in contact with the CNLOPB and ECCC as Husky Energy conducts an assessment and implements it's response plan.
- The Canadian Coast Guard participated in a surveillance flight at 11am this morning along with the RO ECRC representatives to assess the situation.

- We will continue to monitor the incident and will stay in close contact with the CNLOPB as the assessment and response plan progress.

Sent from my BlackBerry 10 smartphone on the Bell network.

Dunderdale, Sara

From: Dunderdale, Sara
Sent: November-17-18 5:43 PM
To: Vardy, Harvey
Subject: Re: Approved: Sea Rose FPSO

Thanks Harvey. I am not sure what is new here that should be included. Was there a second flight?

Sent from my BlackBerry 10 smartphone on the Bell network.

From: Vardy, Harvey
Sent: Saturday, November 17, 2018 5:27 PM
To: Dunderdale, Sara
Subject: Fw: Approved: Sea Rose FPSO

Hi Sara

Sitrep 002 for FPSO has just been distributed. A/AC AM White asked Mr to pass it along to you in order to update the MLs.

Regards,

Harv

1. CCG Region/Incident Name: Sea Rose FPSO release estimated at 250 cubic meters of crude
2. Incident Category/Type: Marine ER Type 4
3. Date/Time: November 17, 17:00hrs
4. Primary Department(s)/Agency(s): C-NNLOPB
5. Supporting Departments/Agencies: ECCC, CCG, CWS
6. Regional Location: Atlantic
 - a. Province/Territory: Newfoundland and Labrador
 - b. City: NA
 - c. Amplifying location: Sea Rose FPSO, White Rose Oil Field
7. Current Situation: At 15:30 Local Time, 16/11/2018, the SEAROSE FPSO reported losing approximately 250 cubic meters of crude while circulating crude through their subsea line in preparation to go back in production after being shut down for the recent powerful storm. Second surveillance flight was conducted Saturday afternoon and observed a very light sheen over a large area. Area was 21 km X 8 km which is 168 sq. km. Within this area approx. 35% had

sheening. Of the 35%, 95% was Tar code A and the remaining 5% was Tar code B resulting in a volume 2445 liters
. Weather on site 5 – 8 meters seas and winds 40 – 50 kts.

8. Actions Taken: CCG remains in contact with C-NLOPB, and ECCC as Husky Energy conducts assessment and develops a response plan. CCG and the RO ECRC representatives were aboard surveillance flight at 11:00hrs today. ECRC have sent a wildlife observer out to site by supply ship.

Current Actions (other): Husky Energy has stood up their response center in St. John's. ECRC has been activated and will accompany CCG on today's surveillance flight. Spill tractor buoys have been deployed. Mass balance and spill trajectory has been run by ECCC.

9. Media/Public Communications: Local media outlets have been reporting on the incident.

10. Activities Next 24 Hours: CCG ER personnel will remain in contact with C-NLOPB as assessment progresses and will continue to monitor incident for developments.

11. Environmental Factors: Back to back storm systems passing through area are affecting on-water operations. 'Storm' force winds of 48 to 63 knots are occurring or expected to occur in this marine area. Seas 5 to 7 meters building to 7 to 10 this morning then subsiding to 5 to 7 near midnight. Seas subsiding to 3 to 5 Sunday morning

12. Significant Issues: N/A

13. Personnel Status: One ER Personnel was on surveillance flight today. Another flight scheduled for Sunday and will have CCG person onboard.

14. Equipment Status: N/A

15. New Requirements: N/A

16. Command Assessment: Continue to monitor incident for further developments and support C-NLOPB as required.

17. Next SITREP: Approximately 16:00 local time Sunday after tomorrow's surveillance flight.

Sent from my BlackBerry 10 smartphone on the Bell network.

From: White, Ann-Margaret
Sent: Saturday, November 17, 2018 5:11 PM
To: Vardy, Harvey
Subject: Standby: Sea Rose FPSO

Approved. Proceed with Sitrep for SeaRose.

After Sitrep is issued, I'll leave it with you to advise DFO Comms NL that their MLs need to be updated for surveillance flight data.

White, Ann-Margaret

From: Vardy, Harvey
Sent: November-17-18 5:23 PM
To: White, Ann-Margaret
Subject: Re: Approved: Sea Rose FPSO

Sent to MSOC for transmission. Should see it very soon. Just reaching out to Sara Dunderdale now regarding MLs.

Harv

Sent from my BlackBerry 10 smartphone on the Bell network.

From: White, Ann-Margaret
Sent: Saturday, November 17, 2018 4:51 PM
To: Vardy, Harvey
Subject: Approved: Sea Rose FPSO

Good to go.

From: White, Ann-Margaret
Sent: Saturday, November 17, 2018 5:11 PM
To: Vardy, Harvey
Subject: Standby: Sea Rose FPSO

Approved. Proceed with Sitrep for SeaRose.

After Sitrep is issued, I'll leave it with you to advise DFO Comms NL that their MLs need to be updated for surveillance flight data.

From: Vardy, Harvey
Sent: November-17-18 4:10 PM
To: White, Ann-Margaret
Subject: Sea Rose FPSO

Hi Ann-Margret

Just chatted with David, Bruce English just got off the plane from the over flight and will update the NINP in about one hour. In the meantime, if you would like to send a PIN to Brian and HQ management, I have confirmed the following:

The over flight detected a slick 21km by 8km and it is estimated to be 2500 litres. It is reported as breaking up and is non recoverable due to the weather conditions. NINP will be updated in one hour.

Harv

No information has been removed or severed from this page

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de la Loi sur l'accès à l'information.

Sent from my BlackBerry 10 smartphone on the Bell network.

Dunderdale, Sara

From: Dunderdale, Sara
Sent: November-17-18 2:16 PM
To: Bornais, Stephen
Subject: Re: Contact cell for Comms NL

Thanks!

Sent from my BlackBerry 10 smartphone on the Bell network.

From: Bornais, Stephen
Sent: Saturday, November 17, 2018 1:17 PM
To: Dunderdale, Sara
Subject: Fw: Contact cell for Comms NL

Sent from my BlackBerry 10 smartphone on the Bell network.

From: Vardy, Harvey <Harvey.Vardy@dfo-mpo.gc.ca>
Sent: Saturday, November 17, 2018 12:09 PM
To: Bornais, Stephen
Cc: Yard, David C; White, Ann-Margaret
Subject: Contact cell for Comms NL

Steve

Can you provide David Yard with any contact information you have for Comms in NL. He was unsuccessful in reaching Sam.

We are support to CNLOPB for a leak/spill near

SEA Rose FPSO and feel it would be good to have some media lines ready, primarily to state we are in a support role and the CNLOPB.

Harv

Sent from my BlackBerry 10 smartphone on the Bell network.

Grant, Robert

From: Grant, Robert
Sent: November-17-18 11:16 AM
To: Yard, David C
Subject: ER Atlantic, SEAROSE FPSO release estimated 250 cubic meters of crude -Sit Rep # 1

Dave for review and approval.

1. CCG Region/Incident Name: Sea Rose FPSO release estimated at 250 cubic meters of crude
2. Incident Category/Type: Marine ER Type 4
3. Date/Time: November 16, 15:30 local Time
4. Primary Department(s)/Agency(s): Canadian Coast Guard
5. Supporting Departments/Agencies: ECCC
6. Regional Location: Atlantic
 - a. Province/Territory: Newfoundland and Labrador
 - b. City: NA
 - c. Amplifying location: Sea Rose FPSO, White Rose Oil Field
7. Current Situation: At 15:30 Local Time, 16/11/2018, the SEAROSE FPSO reported losing approximately 250 cubic meters of crude while circulating crude through their subsea line in preparation to go back in production after being shut down for the recent powerful storm. Surveillance flight was conducted late Friday afternoon and observed approximately 3 cubic meters of crude oil on the surface. There may be a possible weather window between storms systems today to deploy an ROV for sub surface assessment. Spill tracker buoys have been deployed.
8. Actions Taken: CCG remains in contact with C-NLOPB. CCG representative aboard surveillance flight scheduled for 11:00 local time today November 16, 2018.

Current Actions (other): Husky Energy has stood up their response center in St. John's. ECRC has been activated and will accompany CCG on today's surveillance flight. Spill tractor buoys have been deployed. Mass balance and spill trajectory has been run by ECCC.
9. Media/Public Communications: Local media outlets have been reporting on the incident.
10. Activities Next 24 Hours: CCG ER personnel will remain in contact with C-NLOPB as assessment progresses and will continue to monitor incident for developments.
11. Environmental Factors: Back to back storm systems passing through area are affecting on-water operations. 'Storm' force winds of 48 to 63 knots are occurring or expected to occur in this marine area. Seas 5 to 7 meters building to 7 to 10 this morning then subsiding to 5 to 7 near midnight. Seas subsiding to 3 to 5 Sunday morning
12. Significant Issues: N/A
13. Personnel Status: One ER Personnel on surveillance flight.
14. Equipment Status: N/A
15. New Requirements: N/A
16. Command Assessment: Continue to monitor incident for further developments and support C-NNOPB as required.
17. Next SITREP: Approximately 16:00 local time after today's surveillance flight.

Annibalini, Sara

From: Sloan, Glen
Sent: Saturday, November 17, 2018 7:45 PM
To: Hubley, Marian
Cc: McElhone, Kathryn; Smith, Fiona; Trudeau, Miriam
Subject: Re: For approval: Lines on Sea Rose Spill

Will do, thank you.

Sent from my BlackBerry 10 smartphone on the Bell network.

From: Hubley, Marian
Sent: Saturday, November 17, 2018 7:40 PM
To: Sloan, Glen
Cc: McElhone, Kathryn; Smith, Fiona; Trudeau, Miriam
Subject: Re: For approval: Lines on Sea Rose Spill

Ok here but it is a lot of acronyms. Can we write out on first reference? Thx.

Sent from my BlackBerry 10 smartphone on the Rogers network.

From: Sloan, Glen
Sent: Saturday, November 17, 2018 7:37 PM
To: Hubley, Marian
Cc: McElhone, Kathryn; Smith, Fiona; Trudeau, Miriam
Subject: Fw: For approval: Lines on Sea Rose Spill

Hi Marian,

Here are the anticipatory media lines RE: the Sea Rose incident, for your approval please.

These are approved by DC and AC. Will send to CO once you have approved.

Thanks,
Glen

Issue:

At 15:30 on Friday November 16, the SeaRose FPSO reported losing approximately 250 cubic meters of crude as they resumed operations after inclement weather in Newfoundland. A surveillance flight late Friday afternoon observed 3 cubic meters of crude on the surface over 168 sq kilometers. Husky Energy has stood up their response center and the ECRC has been activated. They are conducting an assessment and developing a

response plan. CCG remains in contact with the CNLOPB and ECCC, and have participated in the surveillance flight that took place Saturday, November 17 at 11:00am. There is another flight planned for tomorrow.

Approach:

To date there have been no media inquiries for the CCG. We will continue to monitor and provide reactive responses.

Media Lines:

- The Canadian Coast Guard received a report at 15:30 on November 16 that the Searose FPSO off the coast of Newfoundland had lost approximately 250 cubic meters of crude.
- The Canadian Coast Guard is in contact with the CNLOPB and ECCC as Husky Energy conducts an assessment and implements it's response plan.
- The Canadian Coast Guard participated in a surveillance flight at 11am this morning along with the RO ECRC representatives to assess the situation.
- We will continue to monitor the incident and will stay in close contact with the CNLOPB as the assessment and response plan progress.

Dunderdale, Sara

From: Dunderdale, Sara
Sent: November-17-18 3:39 PM
To: Vardy, Harvey
Cc: Whiffen, Sam; Crann, Larry; Grant, Robert; Yard, David C
Subject: For approval. Lines on Spill

Hi Harvey,

For approval - see below. These have been reviewed by Dave, Bob and Larry.

Once approved I will send to Ann Margaret for approval.

Issue:

At 15:30 on Friday November 16, the SeaRose FPSO reported losing approximately 250 cubic meters of crude as they resumed operations after inclement weather in Newfoundland. A surveillance flight late Friday afternoon observed 3 cubic meters of crude on the surface. Husky Energy has stood up their response center and the ECRC has been activated. They are conducting an assessment and developing a response plan. CCG remains in contact with the CNLOPB and ECCC, and have participated in the surveillance flight that took place Saturday, November 17 at 11:00am.

Approach:

To date there have been no media inquiries for the CCG. We will continue to monitor and provide reactive responses.

Media Lines:

- The Canadian Coast Guard received a report at 15:30 on November 16 that the Searose FPSO off the coast of Newfoundland had lost approximately 250 cubic meters of crude.
- The Canadian Coast Guard is in contact with the CNLOPB and ECCC as Husky Energy conducts an assessment and implements its response plan.
- The Canadian Coast Guard participated in a surveillance flight at 11am this morning along with the RO ECRC representatives to assess the situation.
- We will continue to monitor the incident and will stay in close contact with the CNLOPB as the assessment and response plan progress.

Sent from my BlackBerry 10 smartphone on the Bell network.

White, Ann-Margaret

From: Dunderdale, Sara
Sent: November-17-18 6:02 PM
To: White, Ann-Margaret
Cc: Whiffen, Sam; Vardy, Harvey
Subject: Re: For approval: Lines on Spill

Updated

Sent from my BlackBerry 10 smartphone on the Bell network.

From: Dunderdale, Sara
Sent: Saturday, November 17, 2018 3:49 PM
To: White, Ann-Margaret
Cc: Whiffen, Sam; Vardy, Harvey
Subject: For approval: Lines on Spill

Sent from my BlackBerry 10 smartphone on the Bell network.

Hi Ann Margaret,

For approval - see below. These have been reviewed by Dave, Bob and Larry and approved by Harvey.

Once approved I will send to NHQ for approval.

Issue:

At 15:30 on Friday November 16, the SeaRose FPSO reported losing approximately 250 cubic meters of crude as they resumed operations after inclement weather in Newfoundland. A surveillance flight late Friday afternoon observed 3 cubic meters of crude on the surface over 168 sq kilometers. Husky Energy has stood up their response center and the ECRC has been activated. They are conducting an assessment and developing a response plan. CCG remains in contact with the CNLOPB and ECCC, and have participated in the surveillance flight that took place Saturday, November 17 at 11:00am. There is another flight planned for tomorrow.

Approach:

To date there have been no media inquiries for the CCG. We will continue to monitor and provide reactive responses.

Media Lines:

- The Canadian Coast Guard received a report at 15:30 on November 16 that the Searose FPSO off the coast of Newfoundland had lost approximately 250 cubic meters of crude.
- The Canadian Coast Guard is in contact with the CNLOPB and ECCC as Husky Energy conducts an assessment and implements it's response plan.
- The Canadian Coast Guard participated in a surveillance flight at 11am this morning along with the RO ECRC representatives to assess the situation.
- We will continue to monitor the incident and will stay in close contact with the CNLOPB as the assessment and response plan progress.

Sent from my BlackBerry 10 smartphone on the Bell network.

Matheson, Kyle

From: Matheson, Kyle
Sent: November-17-18 8:14 AM
To: Chiang, Eric
Cc: Herbert, Glen; Siwik, Eden; Herborg, Matthias; Naug, Jason
Subject: RE: Immediate Notification of Event - ER Atlantic, SEAROSE FPSO release estimated 250 cubic meters of crude - Initial

Thanks Eric.

From: Chiang, Eric
Sent: Saturday, November 17, 2018 12:10 AM
To: Matheson, Kyle
Cc: Herbert, Glen; Siwik, Eden; Herborg, Matthias; Naug, Jason
Subject: Fwd: Immediate Notification of Event - ER Atlantic, SEAROSE FPSO release estimated 250 cubic meters of crude - Initial

Hey Kyle we on the west coast will be monitoring emails all weekend. Just let us know if you need any support.
Cheers

Eric Chiang
(sent from mobile device)
Fisheries and Oceans Canada

----- Forwarded message -----

From: "MCTS Halifax / SCTM Halifax (DFO/MPO)" <Supervisor.MCTS-Halifax@dfo-mpo.gc.ca<<mailto:Supervisor.MCTS-Halifax@dfo-mpo.gc.ca>>>
Date: Fri, Nov 16, 2018 at 7:04 PM -0800
Subject: Immediate Notification of Event - ER Atlantic, SEAROSE FPSO release estimated 250 cubic meters of crude - Initial

Description of threat/event: At 15:30 Local Time, 16/11/2018, the SEAROSE FPSO reported losing approximately 250 cubic meters of crude while circulating crude through their subsea line in preparation to go back in production after being shut down for the recent powerful storm.

Anticipated Media Attention: NTV news has reported on this.

Program Reporting: CCG Environmental Response

Current CCG Actions: CCG ER has contacted CNLOPB, the Lead Agency, who are working with the owner/operator, Husky Energy. PAL has also been contacted and have completed an overflight today.

Current Actions (other): Husky Energy and CNLOPB have met and started to produce an action plan. ECRC has been activated. ECCC, CWS and CCG ER have been briefed by the CNLOPB. PAL was contracted by Husky to complete an over flight today reporting observing a sheen of 3 cubic meters.

Initial analysis/impact assessment on CCG: No impact on CG programs.

Notification provided to: Regular distribution of information.

Next Steps: CCG ER remains in contact with CNLOPB, as they conduct their assessment of the incident, in the event CCG assistance is required. A significant storm event has been in the area over last few days and conditions currently, seas 6-8 meters and winds at 45 knots with another system moving through over weekend. Weather conditions on site are preventing a ROV from being deployed to investigate the source. CNLOPB suggest may be Monday before able to deploy ROV due to weather and ECCC is working on mass balance and trajectory modelling for incident. Largest amount of oil reported to date on surface of the water by surveillance aircraft is 3 cubic meters. Surveillance of the site will continue.

DISCLAIMER **This Information is preliminary and subject to change. Further, the information given for some occurrences may not have been verified / validated by CCG. Therefore, caution should be used when using this information.

Dunderdale, Sara

From: Dunderdale, Sara
Sent: November-17-18 9:55 AM
To: Trudeau, Miriam; Sloan, Glen; Whiffen, Sam
Cc: Smith, Fiona
Subject: Re: Immediate Notification of Event - ER Atlantic, SEAROSE FPSO release estimated 250 cubic meters of crude - Initial

Thanks Miriam. We have not received any media calls on this as of now.

Sent from my BlackBerry 10 smartphone on the Bell network.

From: Trudeau, Miriam
Sent: Saturday, November 17, 2018 12:38 AM
To: Sloan, Glen; Whiffen, Sam
Cc: Smith, Fiona; Dunderdale, Sara
Subject: Fw: Immediate Notification of Event - ER Atlantic, SEAROSE FPSO release estimated 250 cubic meters of crude - Initial

FYI

Sent from my BlackBerry 10 smartphone on the Bell network.

From: MCTS Halifax / SCTM Halifax (DFO/MPO) <Supervisor.MCTS-Halifax@dfm-mpo.gc.ca>
Sent: Friday, November 16, 2018 10:04 PM
Subject: Immediate Notification of Event - ER Atlantic, SEAROSE FPSO release estimated 250 cubic meters of crude - Initial

Description of threat/event: *At 15:30 Local Time, 16/11/2018, the SEAROSE FPSO reported losing approximately 250 cubic meters of crude while circulating crude through their subsea line in preparation to go back in production after being shut down for the recent powerful storm.*

Anticipated Media Attention: *NTV news has reported on this.*

Program Reporting: *CCG Environmental Response*

Current CCG Actions: *CCG ER has contacted CNLOPB, the Lead Agency, who are working with the owner/operator, Husky Energy. PAL has also been contacted and have completed an overflight today.*

Current Actions (other): *Husky Energy and CNLOPB have met and started to produce an action plan. ECRC has been activated. ECCC, CWS and CCG ER have been briefed by the CNLOPB. PAL was contracted by Husky to complete an over flight today reporting observing a sheen of 3 cubic meters*

Initial analysis/impact assessment on CCG: *No impact on CG programs.*

Notification provided to: *Regular distribution of information.*

Next Steps: *CCG ER remains in contact with CNLOPB, as they conduct their assessment of the incident, in the event CCG assistance is required. A significant storm event has been in the area over last few days and conditions currently, seas 6-8 meters and winds at 45 knots with another system moving through over weekend. Weather conditions on site are preventing a ROV from being deployed to investigate the source. CNLOPB suggest may be Monday before able to deploy*

ROV due to weather and ECCC is working on mass balance and trajectory modelling for incident. Largest amount of oil reported to date on surface of the water by surveillance aircraft is 3 cubic meters. Surveillance of the site will continue.

*DISCLAIMER **This Information is preliminary and subject to change. Further, the information given for some occurrences may not have been verified / validated by CCG. Therefore, caution should be used when using this information.*

LeBlanc, Brian (Acting AC, Atlantic Region)

From: MSOC-East / COSM-Est (DFO/MPO)
Sent: November 17, 2018 5:12 AM
To: DFO.F CCG Nat Incidents / Incidents Nat GCC F.MPO
Subject: Incident Amplifying Information - MSOC East - FPSO Sea Rose - 250 Cubic Metre Crude Oil Spill.
Attachments: FPSO Sea Rose - 250 Cubic Metre Crude Oil Spill..pdf

Good Morning,

See attachment for amplifying information in regards to subject incident. For further information please contact the reporting agency "CCG Environmental Response"

Maritime Security Officer / Agent de sécurité maritime Canadian Coast Guard / Garde côtière canadienne Marine
Security Operations Centre - East / Centre d'opérations de la sécurité maritime – Est CFB Halifax / BFC Halifax Building D-201 / Bâtiment D-201
2737 Provo Wallis Street
PO Box 99000 Stn Forces / PO Box 99000 Succ Forces Halifax, Nova Scotia, Canada B3K 5X5 msoceast@dfo-mpo.gc.ca
Telephone / Téléphone: (902) 427-0662 Fax / Télécopieur: (902) 427-7841 Secure Telephone/Fax /
Téléphone/Télécopieur Sûr: (902) 427-2987 Government of Canada / Gouvernement du Canada

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Fisheries and Oceans
Canada

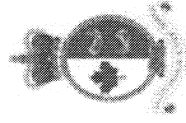
UNCLASSIFIED

Canadian
Coast Guard

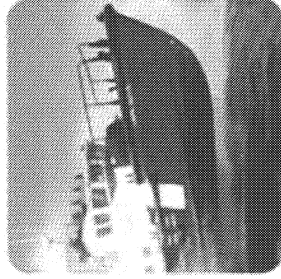
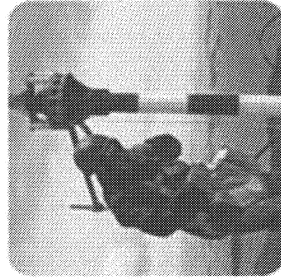
Pêches et Océans
Canada

Garde côtière
canadienne

Immediate Notification of Event –CCG Environmental Response, FPSO Sea Rose – 250 Metre Crude Oil Spill



Safety First. Service Always



Prepared by Marine Security Operations Centre East - Coast Guard
November 17, 2018
0300Z

Canada

EVENT



Description of threat/event: At 15:30 Local Time, 16/11/2018, the SEAROSE FPSO reported losing approximately 250 cubic meters of crude while circulating crude through their subsea line in preparation to go back in production after being shut down for the recent powerful storm.

Anticipated Media Attention: NTV news has reported on this.

Program Reporting: CCG Environmental Response

Current CCG Actions: CCG ER has contacted CNLOPB, the Lead Agency, who are working with the owner/operator, Husky Energy. PAL has also been contacted and have completed an overflight today.

Current Actions (other): Husky Energy and CNLOPB have met and started to produce an action plan. ECRC has been activated. ECCC, CWS and CCG ER have been briefed by the CNLOPB. PAL was contracted by Husky to complete an over flight today reporting observing a sheen of 3 cubic meters.

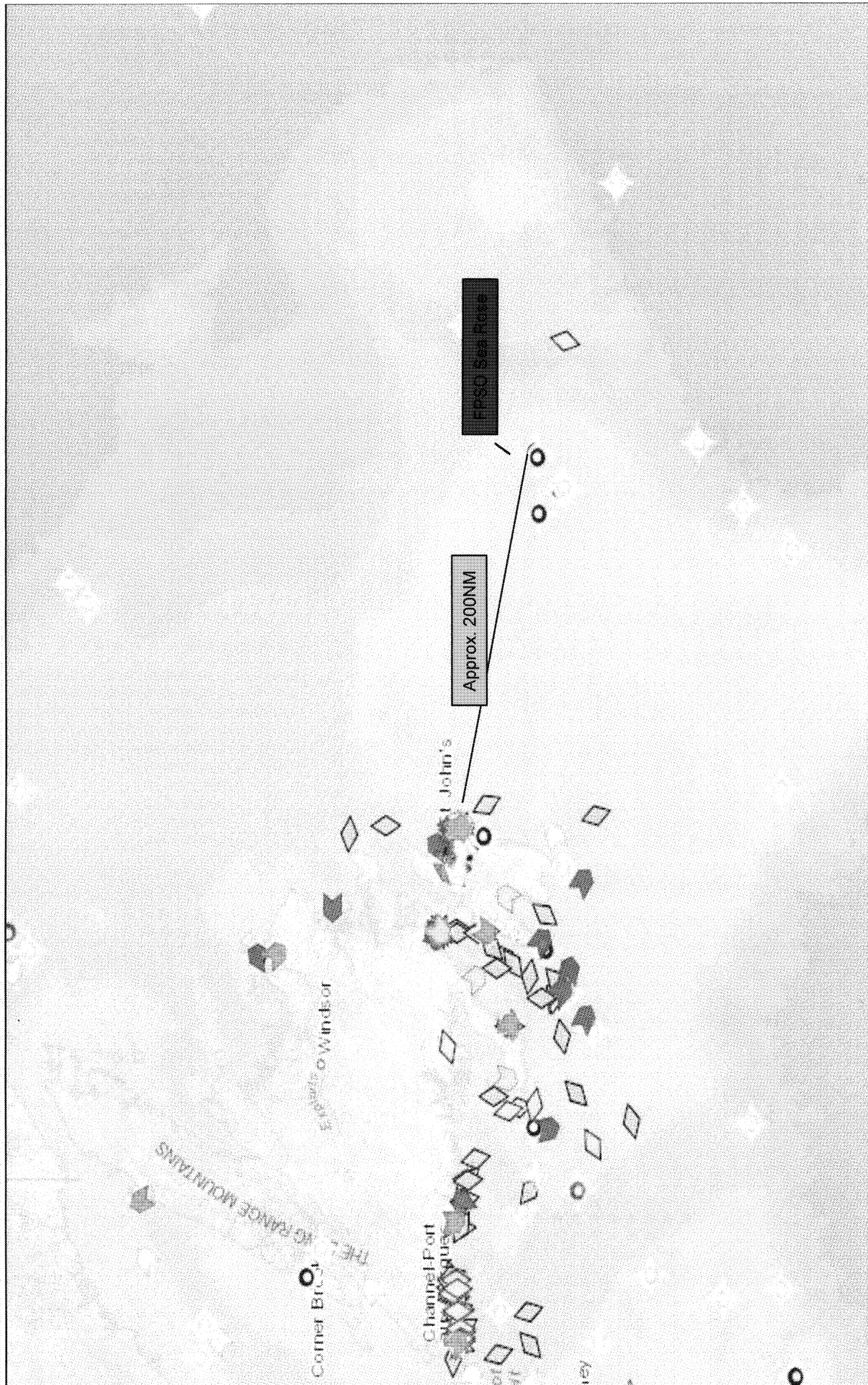
Initial analysis/impact assessment on CCG: No impact on CG programs.

Notification provided to: Regular distribution of information.

Next Steps: CCG ER remains in contact with CNLOPB, as they conduct their assessment of the incident, in the event CCG assistance is required. A significant storm event has been in the area over last few days and conditions currently, seas 6-8 meters and winds at 45 knots with another system moving through over weekend. Weather conditions on site are preventing a ROV from being deployed to investigate the source. CNLOPB suggest may be Monday before able to deploy ROV due to weather and ECCC is working on mass balance and trajectory modelling for incident. Largest amount of oil reported to date on surface of the water by surveillance aircraft is 3 cubic meters. Surveillance of the site will continue.

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POSITION





POSITION

Details

1 of 1

SEAROSE FPSO

FPSO, Oil

Watch

MMSI316317000

Call signVOXS

IMO9274501

Last seen4 hrs ago

Last portFPSO SeaRose

DestinationWhiterose Field

Lat Long46°47'24"N 048°00'95"W

Last seen at17 Nov 2018 3:58:25 UTC

Heading354°

Speed0.1 knots (service 12.5 knots)

StatusMoored

Extra InfoHazardous Cat. B

Deadweight139,950

Gross95,887

Length272.00 m

Breadth46.00 m

Draught16.5 m (max 18.6m)

Crude Oil832,800 bbl (est)

OperatorHusky Energy Inc

Tech MgrHusky Oil Operations Ltd

Follow live on map

Ship Track Settings

Voyage Calculator

Notes

PETALON

Bulk Carrier

Destination: GULON SPAIN

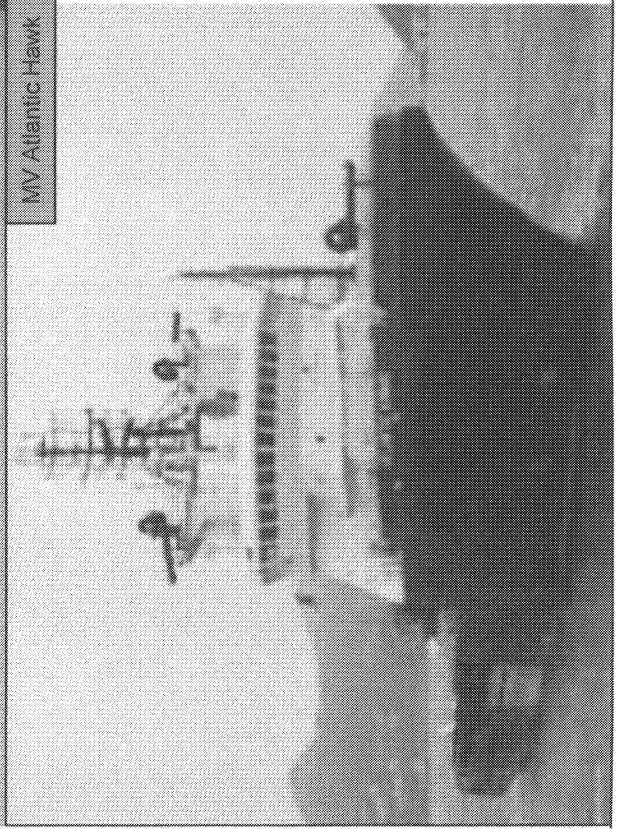
ETA: 18:00 24 Nov @ 8.8 knots



VESSEL



MV Atlantic Hawk



FPSO Saa Rose





WEATHER

Southeastern Grand Banks

STORM WARNING IN EFFECT

Forecast Weather Conditions Ice Conditions Warnings Synopsis

Winds

Today Tonight and Sunday.

Issued 00:00 AM NST 17

Storm warning in effect

Wind southeast 35 to 45 knots veering to southwest 35 to 45 this morning then increasing to west 50 to 60 this afternoon. Wind diminishing to northwest 35 after midnight and to northwest 25 Sunday morning.

Extended Forecast

Issued 00:00 AM NST 17
November 2018

Monday

Wind northwest 25 knots
diminishing to light in the afternoon.

Tuesday

Wind south 25 to 35 knots.

Wednesday

Wind southwest 25 to 35 knots.

Ice Forecast

Waves

Issued 00:00 PM NST 16

Tonight and Saturday.

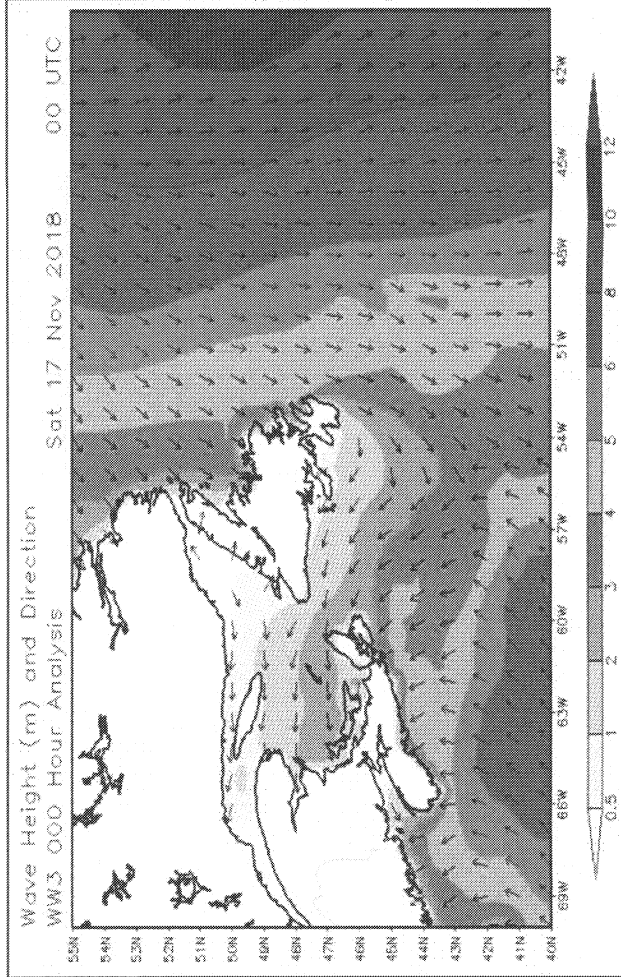
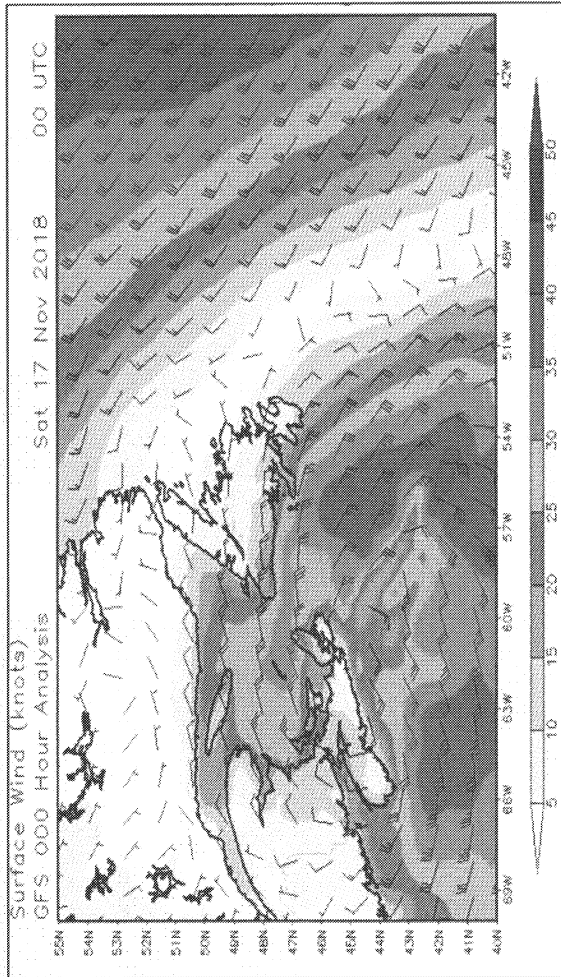
Seas 5 to 7 metres except 7 to 8 over eastern sections early this evening. Seas building to 7 to 10 Saturday evening.

Weather & Visibility

Issued 00:00 AM NST 17

Today Tonight and Sunday.

Rain changing to showers this morning. Visibility as low as 1 mile in rain.



Dunderdale, Sara

From: Dunderdale, Sara
Sent: November-17-18 2:35 PM
To: Trudeau, Miriam; Whiffen, Sam
Cc: Sloan, Glen; Smith, Fiona; Lemieux, Jessica
Subject: Re: Incident SITREP 001, ER, FPSO Sea Rose - 250 Cubic Meters Crude Oil Spill

Hi all,

I am writing lines now. I am not sure if Husky is tweeting or the CNLOPB so not sure that it would be appropriate for us to tweet as we see not the lead. We are just assessing and in communication with CNLOPB. I will prepare lines and send through approvals and if the situation changes then perhaps we can reevaluate tweeting. In the meantime, we still have no media calls.

Sent from my BlackBerry 10 smartphone on the Bell network.

From: Trudeau, Miriam
Sent: Saturday, November 17, 2018 12:51 PM
To: Whiffen, Sam
Cc: Dunderdale, Sara; Sloan, Glen; Smith, Fiona; Lemieux, Jessica
Subject: Fw: Incident SITREP 001, ER, FPSO Sea Rose - 250 Cubic Meters Crude Oil Spill

Sam, this may be a sensitive one but since CCG is taking part in the fly over, should we tweet - making clear that we are supporting the lead?

Leaving it to your decision.

Miriam :)

Sent from my BlackBerry 10 smartphone on the Bell network.

From: MSOC-East / COSM-Est (DFO/MPO) <MSOC-East.XNAT@dfo-mpo.gc.ca>
Sent: Saturday, November 17, 2018 11:03 AM
To: DFO.F CCG Nat Incidents / Incidents Nat GCC F.MPO
Subject: Incident SITREP 001, ER, FPSO Sea Rose - 250 Cubic Meters Crude Oil Spill

1. CCG Region/Incident Name: Sea Rose FPSO release estimated at 250 cubic meters of crude
2. Incident Category/Type: Marine ER Type 4
3. Date/Time: November 17, 11:00hrs
4. Primary Department(s)/Agency(s): C-NNLOPB
5. Supporting Departments/Agencies: ECCC, CCG, CWS
6. Regional Location: Atlantic
 - a. Province/Territory: Newfoundland and Labrador
 - b. City: NA
 - c. Amplifying location: Sea Rose FPSO, White Rose Oil Field

7. Current Situation: At 15:30 Local Time, 16/11/2018, the SEAROSE FPSO reported losing approximately 250 cubic meters of crude while circulating crude through their subsea line in preparation to go back in production after being shut down for the recent powerful storm. Surveillance flight was conducted late Friday afternoon and observed approximately 3 cubic meters of crude oil on the surface. There may be a possible weather window between storms systems today to deploy an ROV for sub surface assessment. Spill tracker buoys have been deployed.
8. Actions Taken: CCG remains in contact with C-NLOPB, and ECCC as Husky Energy conducts assessment and develops a response plan. CCG and the RO ECRC representatives have departed aboard surveillance flight at 11:00hrs.
Current Actions (other): Husky Energy has stood up their response center in St. John's. ECRC has been activated and will accompany CCG on today's surveillance flight. Spill tractor buoys have been deployed. Mass balance and spill trajectory has been run by ECCC.
9. Media/Public Communications: Local media outlets have been reporting on the incident.
10. Activities Next 24 Hours: CCG ER personnel will remain in contact with C-NLOPB as assessment progresses and will continue to monitor incident for developments.
11. Environmental Factors: Back to back storm systems passing through area are affecting on-water operations. 'Storm' force winds of 48 to 63 knots are occurring or expected to occur in this marine area. Seas 5 to 7 meters building to 7 to 10 this morning then subsiding to 5 to 7 near midnight. Seas subsiding to 3 to 5 Sunday morning
12. Significant Issues: N/A
13. Personnel Status: One ER Personnel on surveillance flight.
14. Equipment Status: N/A
15. New Requirements: N/A
16. Command Assessment: Continue to monitor incident for further developments and support C-NNOPB as required.
17. Next SITREP: Approximately 16:00 local time after today's surveillance flight.

Maritime Security Officer / Agent de sécurité maritime Canadian Coast Guard / Garde côtière canadienne Marine
Security Operations Centre - East / Centre d'opérations de la sécurité maritime – Est CFB Halifax / BFC Halifax Building
D-201 / Bâtiment D-201
2737 Provo Wallis Street
PO Box 99000 Stn Forces / PO Box 99000 Succ Forces Halifax, Nova Scotia, Canada B3K 5X5 msoceast@dfo-mpo.gc.ca
Telephone / Téléphone: (902) 427-0662 Fax / Télécopieur: (902) 427-7841 Secure Telephone/Fax /
Téléphone/Télécopieur Sûr: (902) 427-2987 Government of Canada / Gouvernement du Canada

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Matheson, Kyle

From: Matheson, Kyle
Sent: November-17-18 5:56 PM
To: McCallum, Barry
Cc: Mansour, Atef A H; Clarke, Keith
Subject: Fw: Incident SITREP 002, ER, FPSO Sea Rose - 250 Cubic Meters Crude Oil Spill

Update: A surveillance flight was conducted today and observed areas of sheening over 168 km², which was estimated to equal ~2400 L currently at the surface.

ECCC and CCG are engaged with CNLOPB and Husky Energy on further response planning. Another flight is expected tomorrow afternoon and I will provide another update later tomorrow (or if anything changes). We have provided a preliminary set of resources at risk to ECCC.

Of note, the 250 t was identified as a worst case scenario until a further assessment can take place, but would stand as the largest crude spill from an offshore production in Canadian history.

Cheers, Kyle

Sent from my BlackBerry 10 smartphone on the Bell network.

From: MSOC-East / COSM-Est (DFO/MPO) <MSOC-East.XNAT@dfo-mpo.gc.ca>
Sent: Saturday, November 17, 2018 5:24 PM
To: DFO.F CCG Nat Incidents / Incidents Nat GCC F.MPO
Subject: Incident SITREP 002, ER, FPSO Sea Rose - 250 Cubic Meters Crude Oil Spill

1. CCG Region/Incident Name: Sea Rose FPSO release estimated at 250 cubic meters of crude
2. Incident Category/Type: Marine ER Type 4
3. Date/Time: November 17, 17:00hrs
4. Primary Department(s)/Agency(s): C-NNLOPB
5. Supporting Departments/Agencies: ECCC, CCG, CWS
6. Regional Location: Atlantic
 - a. Province/Territory: Newfoundland and Labrador
 - b. City: NA
 - c. Amplifying location: Sea Rose FPSO, White Rose Oil Field
7. Current Situation: At 15:30 Local Time, 16/11/2018, the SEAROSE FPSO reported losing approximately 250 cubic meters of crude while circulating crude through their subsea line in preparation to go back in production after being shut down for the recent powerful storm. Second surveillance flight was conducted Saturday afternoon and observed a very light sheen over a large area. Area was 21 km X 8 km which is 168 sq. km. Within this area approx. 35% had sheening. Of the 35%, 95% was Tar code A and the remaining 5% was Tar code B resulting in a volume 2445 liters. Weather on site 5 – 8 meters seas and winds 40 – 50 kts.
8. Actions Taken: CCG remains in contact with C-NLOPB, and ECCC as Husky Energy conducts assessment and develops a response plan. CCG and the RO ECRC representatives were aboard surveillance flight at 11:00hrs today. ECRC have sent a wildlife observer out to site by supply ship.
Current Actions (other): Husky Energy has stood up their response center in St. John's. ECRC has been activated and will accompany CCG on today's surveillance flight. Spill tractor buoys have been deployed. Mass balance and spill trajectory has been run by ECCC.
9. Media/Public Communications: Local media outlets have been reporting on the incident.
10. Activities Next 24 Hours: CCG ER personnel will remain in contact with C-NLOPB as assessment progresses and will continue to monitor incident for developments.

11. Environmental Factors: Back to back storm systems passing through area are affecting on-water operations. 'Storm' force winds of 48 to 63 knots are occurring or expected to occur in this marine area. Seas 5 to 7 meters building to 7 to 10 this morning then subsiding to 5 to 7 near midnight. Seas subsiding to 3 to 5 Sunday morning
12. Significant Issues: N/A
13. Personnel Status: One ER Personnel was on surveillance flight today. Another flight scheduled for Sunday and will have CCG person onboard.
14. Equipment Status: N/A
15. New Requirements: N/A
16. Command Assessment: Continue to monitor incident for further developments and support C-NLOPB as required.
17. Next SITREP: Approximately 16:00 local time Sunday after tomorrow's surveillance flight.

Maritime Security Officer / Agent de sécurité maritime Canadian Coast Guard / Garde côtière canadienne Marine
Security Operations Centre - East / Centre d'opérations de la sécurité maritime – Est CFB Halifax / BFC Halifax Building
D-201 / Bâtiment D-201
2737 Provo Wallis Street
PO Box 99000 Stn Forces / PO Box 99000 Succ Forces Halifax, Nova Scotia, Canada B3K 5X5 msoceast@dfm-mpo.gc.ca
Telephone / Téléphone: (902) 427-0662 Fax / Télécopieur: (902) 427-7841 Secure Telephone/Fax /
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Fennelly, Stephanie

From: Yard, David C
Sent: Saturday, November 17, 2018 3:28 PM
To: Dunderdale, Sara; Whiffen, Sam
Subject: Fw: Lines on Spill

Our comments thx

Sent from my BlackBerry 10 smartphone on the Bell network.

From: Grant, Robert <Robert.Grant@dfo-mpo.gc.ca>
Sent: Saturday, November 17, 2018 15:23
To: Yard, David C; Crann, Larry
Subject: RE: Lines on Spill

Dave changed as to has – Husky has stood up their response centre.

Also should the working currently not the lead be removed.

To date there have been no media inquiries for the CCG. We will continue to monitor and provide reactive responses as we are not the lead, and are in a supporting and monitoring role.

Bob

From: Yard, David C
Sent: November-17-18 3:04 PM
To: Crann, Larry; Grant, Robert
Subject: Fw: Lines on Spill

Guys can you have a quick look at lines thx

Sent from my BlackBerry 10 smartphone on the Bell network.

From: Dunderdale, Sara <Sara.Dunderdale@dfo-mpo.gc.ca>
Sent: Saturday, November 17, 2018 14:56
To: Yard, David C
Cc: Whiffen, Sam
Subject: Lines on Spill

Hi Dave,

Have a look below. If these are good I will send on to Harvey and Ann Margaret. Still no media calls to us.

Issue:

At 15:30 on Friday November 16, the SeaRose FPSO reported losing approximately 250 cubic meters of crude as they resumed operations after inclement weather in Newfoundland. A surveillance flight late Friday afternoon observed 3 cubic meters of crude on the surface. Husky Energy has stood up their response center

and the ECRC has been activated. They are conducting an assessment and developing a response plan. CCG remains in contact with the CNLOPB and ECCC, and have participated in the surveillance flight that took place Saturday, November 17 at 11:00am.

Approach:

To date there have been no media inquiries for the CCG. We will continue to monitor and provide reactive responses as we are not the lead, and are in a supporting and monitoring role.

Media Lines:

- The Canadian Coast Guard received a report at 15:30 on November 16 that the Searose FPSO off the coast of Newfoundland had lost approximately 250 cubic meters of crude.
- The Canadian Coast Guard is in contact with the CNLOPB And ECCC as Husky Energy conducts an assessment and implements it's response plan.
- The Canadian Coast Guard participated in a surveillance flight at 11am this morning along with the RO ECRC representatives to assess the situation.
- We will continue to monitor the incident and will stay in close contact with the CNLOPB as the assessment and response plan progress.

Sent from my BlackBerry 10 smartphone on the Bell network.

Fraser, Patrick

From: MSOC-East / COSM-Est (DFO/MPO)
Sent: Saturday, November 17, 2018 3:42 AM
To: DFO.F CCG Nat Incidents / Incidents Nat GCC F.MPO
Subject: Incident Amplifying Information - MSOC East - FPSO Sea Rose - 250 Cubic Metre Crude Oil Spill.
Attachments: FPSO Sea Rose - 250 Cubic Metre Crude Oil Spill..pdf

Good Morning,

See attachment for amplifying information in regards to subject incident. For further information please contact the reporting agency "CCG Environmental Response"

Maritime Security Officer / Agent de sécurité maritime Canadian Coast Guard / Garde côtière canadienne Marine
Security Operations Centre - East / Centre d'opérations de la sécurité maritime – Est CFB Halifax / BFC Halifax Building D-
201 / Bâtiment D-201
2737 Provo Wallis Street
PO Box 99000 Stn Forces / PO Box 99000 Succ Forces Halifax, Nova Scotia, Canada B3K 5X5 msoceast@dfo-mpo.gc.ca
Telephone / Téléphone: (902) 427-0662 Fax / Télécopieur: (902) 427-7841 Secure Telephone/Fax /
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Canada

Canadian
Coast Guard

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Immediate Notification of Event –CCG Environmental Response, FPSO Sea Rose – 250 Metre Crude Oil Spill



Safety First. Service Always



Prepared by Marine Security Operations Centre East - Coast Guard
November 17, 2018
0300Z

Canada

EVENT



Description of threat/event: At 15:30 Local Time, 16/11/2018, the SEAROSE FPSO reported losing approximately 250 cubic meters of crude while circulating crude through their subsea line in preparation to go back in production after being shut down for the recent powerful storm.

Anticipated Media Attention: NTV news has reported on this.

Program Reporting: CCG Environmental Response

Current CCG Actions: CCG ER has contacted CNLOPB, the Lead Agency, who are working with the owner/operator, Husky Energy. PAL has also been contacted and have completed an overflight today.

Current Actions (other): Husky Energy and CNLOPB have met and started to produce an action plan. ECRC has been activated. ECCC, CWS and CCG ER have been briefed by the CNLOPB. PAL was contracted by Husky to complete an over flight today reporting observing a sheen of 3 cubic meters.

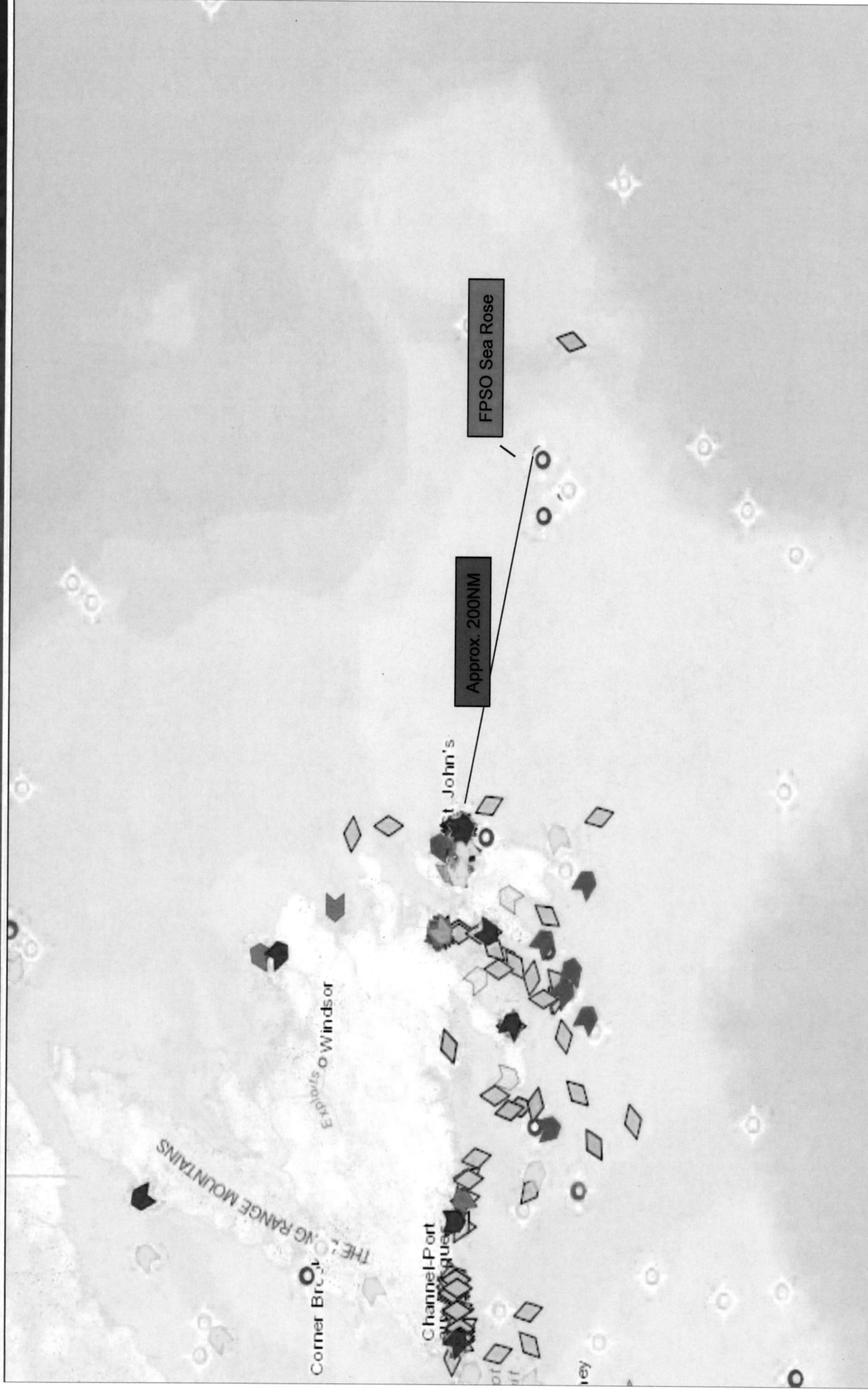
Initial analysis/impact assessment on CCG: No impact on CG programs.

Notification provided to: Regular distribution of information.

Next Steps: CCG ER remains in contact with CNLOPB, as they conduct their assessment of the incident, in the event CCG assistance is required. A significant storm event has been in the area over last few days and conditions currently, seas 6-8 meters and winds at 45 knots with another system moving through over weekend. Weather conditions on site are preventing a ROV from being deployed to investigate the source. CNLOPB suggest may be Monday before able to deploy ROV due to weather and ECCC is working on mass balance and trajectory modelling for incident. Largest amount of oil reported to date on surface of the water by surveillance aircraft is 3 cubic meters. Surveillance of the site will continue.

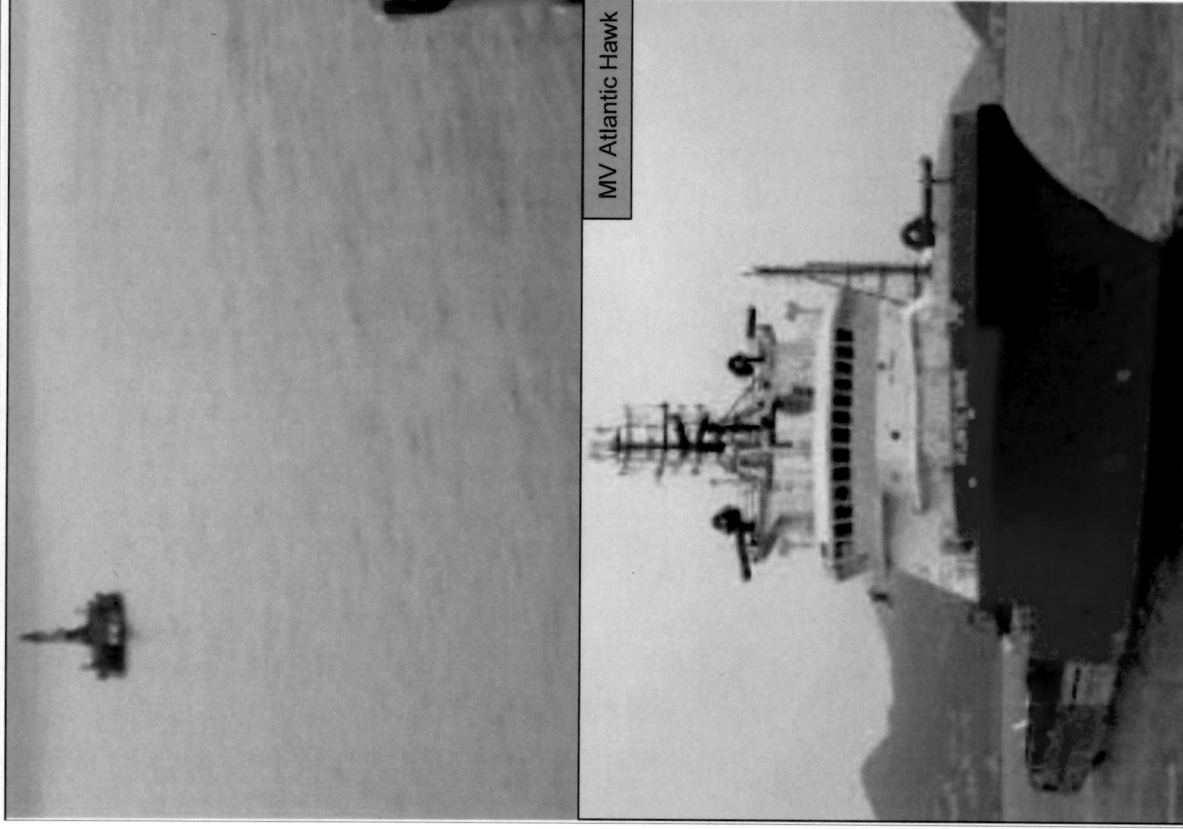
DISCLAIMER **This Information is preliminary and subject to change. Further, the information given for some occurrences may not have been verified / validated by CCG. Therefore, caution should be used when using this information.

POSITION





VESSEL



MV Atlantic Hawk



FPSO Sea Rose

WEATHER



Southeastern Grand Banks

STORM WARNING IN EFFECT

- Forecast
- Weather Conditions
- Ice Conditions
- Warnings
- Synopsis

Winds

Issued 03:00 AM NST 17 November 2018

Today Tonight and Sunday.

Storm warning in effect.

Wind southeast 35 to 45 knots veering to southwest 35 to 45 this morning then increasing to west 50 to 60 this afternoon. Wind diminishing to northwest 35 after midnight and to northwest 25 Sunday morning.

Extended Forecast

Issued 03:00 AM NST 17 November 2018

Monday

Wind northwest 25 knots diminishing to light in the afternoon.

Tuesday

Wind south 25 to 35 knots.

Wednesday

Wind southwest 25 to 35 knots.

Waves

Issued 03:00 PM NST 16 November 2018

Tonight and Saturday.

Seas 5 to 7 metres except 7 to 9 over eastern sections early this evening. Seas building to 7 to 10 Saturday evening.

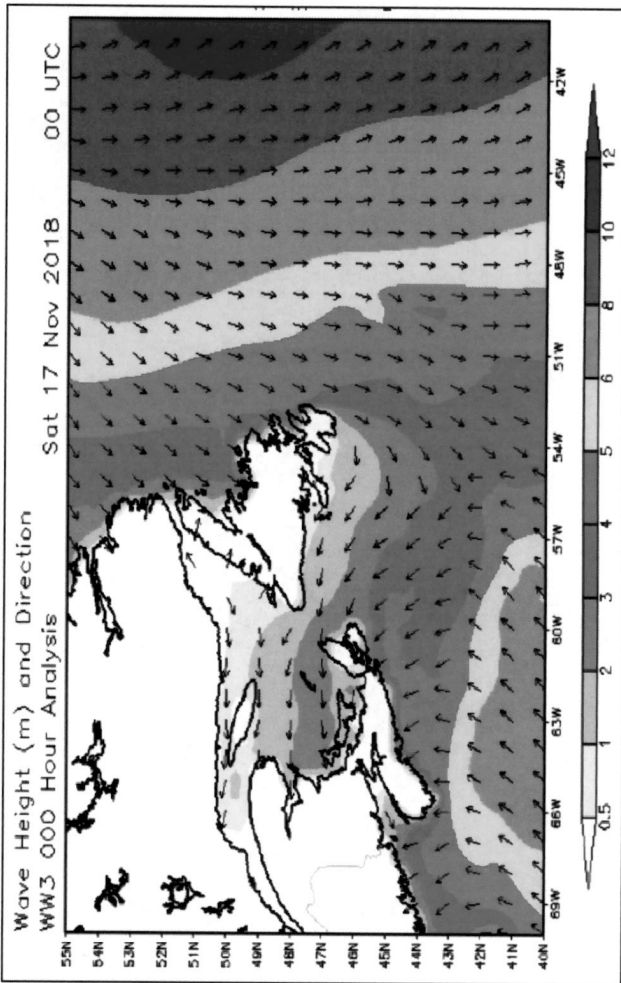
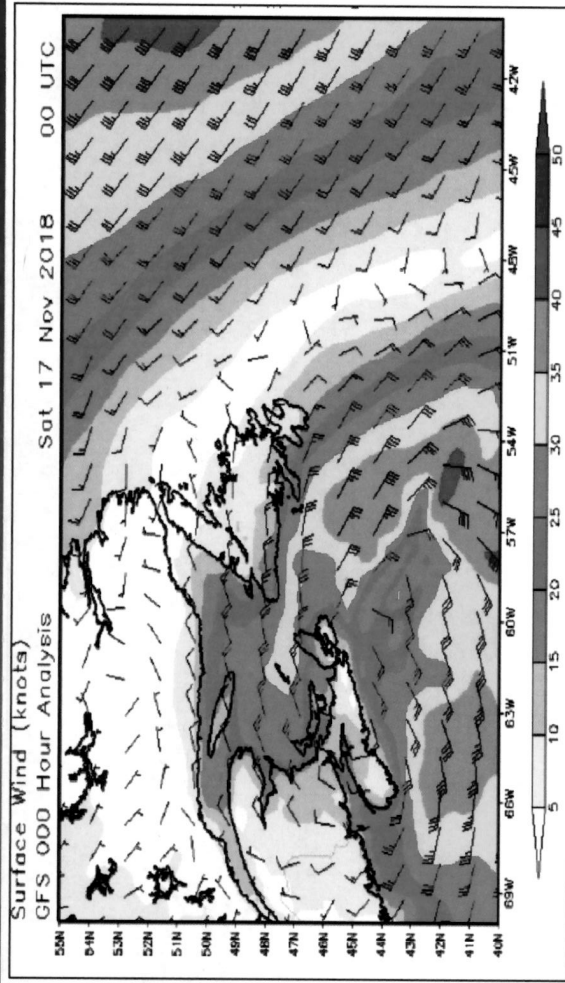
Weather & Visibility

Issued 03:00 AM NST 17 November 2018

Today Tonight and Sunday.

Rain changing to showers this morning. Visibility as low as 1 mile in rain.

Ice Forecast



Justice, Robert

From: Perry, Nigel
Sent: November-17-18 7:47 AM
To: Justice, Robert; Brooks, Robert; Tettamanti, Ryan
Cc: Lohnes, Christopher; NCC / CCN (DFO/MPO)
Subject: Re: Spill in White Rose Field

Cancel below NINP issued

----- Original message -----

From: "Perry, Nigel" <Nigel.Perry@dfo-mpo.gc.ca>
Date: 2018-11-17 07:42 (GMT-05:00)
To: "Justice, Robert" <Robert.Justice@dfo-mpo.gc.ca>, "Brooks, Robert" <Robert.Brooks@dfo-mpo.gc.ca>, "Tettamanti, Ryan" <Ryan.Tettamanti@dfo-mpo.gc.ca>
Cc: "Lohnes, Christopher" <Christopher.Lohnes@dfo-mpo.gc.ca>, "NCC / CCN (DFO/MPO)" <NCC-CCN.XNCR@dfo-mpo.gc.ca>
Subject: Re: Spill in White Rose Field

Morning, the NCC duty officer is busy on another incident, I will call ROC, check they are aware.

----- Original message -----

From: "Justice, Robert" <Robert.Justice@dfo-mpo.gc.ca>
Date: 2018-11-16 19:56 (GMT-05:00)
To: "Brooks, Robert" <Robert.Brooks@dfo-mpo.gc.ca>, "Tettamanti, Ryan" <Ryan.Tettamanti@dfo-mpo.gc.ca>
Cc: "Lohnes, Christopher" <Christopher.Lohnes@dfo-mpo.gc.ca>, "Perry, Nigel" <Nigel.Perry@dfo-mpo.gc.ca>, "NCC / CCN (DFO/MPO)" <NCC-CCN.XNCR@dfo-mpo.gc.ca>
Subject: Spill in White Rose Field

Forwarded for your awareness.

Rob

Robert Justice

Manager, Office of Incident Management /
Gestionnaire, Bureau de gestions des incidents
Canadian Coast Guard / Garde côtière canadienne
200 rue Kent Street

Ottawa, Ontario K1A 0E6
Tel / Tél: (613) 993-9147
E-Mail / Courriel: Robert.Justice@dfo-mpo.gc.ca
Government of Canada - Gouvernement du Canada

From the Offshore Energy Board:

INCIDENT DISCLOSURE 2018

Spill in White Rose Field

November 16, 2018

Husky Energy has reported that around mid-day today, the *SeaRose* FPSO experienced a loss of pressure from a subsea flowline to the South White Rose Drill Centre, while preparing to restart production. Initial estimates from Husky are that 250 cubic metres of oil were released to the environment. The C-NLOPB has been monitoring the situation since first notified.

There were no injuries. Production operations had been suspended due to Thursday's weather. All wells are in a safe state and production operations remain suspended as Husky investigates the cause of the spill. Production operations will not resume until it is safe to do so and until Husky has received approval from the C-NLOPB.

The C-NLOPB's Chief Conservation Officer and other staff have met with senior Husky representatives and have sought the advice of the National Environmental Emergencies Centre of Environment and Climate Change Canada and the Canadian Coast Guard. Current conditions offshore preclude the safe deployment of on-water response to the spill. The C-NLOPB is monitoring Husky's response and further action by the Board will be determined as the matter unfolds.

The South White Rose Extension Drill Centre is located in the White Rose Field, approximately 350 km southeast from St. John's.

Source: <https://www.cnlopb.ca/incidents/ibnov162018b/>

Justice, Robert

From: Moss, Derek
Sent: November-17-18 6:35 AM
To: Justice, Robert
Subject: RE: Spill in White Rose Field

Hi Rob,

No...I'm not getting anything either. Will let you know if I get something.

D

From: Justice, Robert
Sent: November 16, 2018 9:46 PM
To: Moss, Derek
Subject: FW: Spill in White Rose Field

Derek,

See below. Any interest being shown about this spill at the more senior levels? Have not heard or seen anything from GOC, CCG, ECC, TC or NEB. No responses thus far from others I had advised earlier.

Rob

From: Justice, Robert
Sent: November-16-18 7:56 PM
To: Brooks, Robert; Tettamanti, Ryan
Cc: Lohnes, Christopher; Perry, Nigel; NCC / CCN (DFO/MPO)
Subject: Spill in White Rose Field

Forwarded for your awareness.

Rob

Robert Justice
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Source: <https://www.cnlopb.ca/incidents/ibnov162018b/>

Pilgrim, Bret

From: Thomas, Graham (EC) <graham.thomas@canada.ca>
Sent: November-18-18 2:16 PM
To: EC.O Agents de service SUST / ESTS Duty Officers O.EC
Cc: Wilhelm, Sabina (EC); Ronconi, Robert (EC); Whittam, Becky (EC); Matheson, Kyle; Pilgrim, Bret
Subject: FW: overflight observations 2018 11 18 am

Very limited info but it shows the slick is break up in the present conditions

Graham Thomas

Senior Officer, Preparedness and Response - Atlantic National Environmental Emergencies Centre (NEEC) - Mount Pearl
Office Environmental Protection Operations Directorate Environment and Climate Change Canada / Government of
Canada graham.thomas@canada.ca / Tel: 709-772-4285 / Cell : [REDACTED] / Emergencies 24/7 : 1-866-283-2333

Agent principal, Préparation et intervention - Atlantique Centre national des urgences environnementales (CNUE) -
Bureau de Mount Pearl Direction des activités de protection de l'environnement Environnement et Changement
climatique Canada / Gouvernement du Canada graham.thomas@canada.ca / Tél. : 709-772-4285 / Cell : [REDACTED] /
Urgences 24/7 : 1-866-283-2333

-----Original Message-----

From: Burley, Dave [<mailto:DBurley@cnlopb.ca>]
Sent: November 18, 2018 1:56 PM
To: Taylor, Ken; Thomas, Graham (EC); Offshore_Spill_Response; Okeefe, Jeff; Young, Elizabeth
Subject: Re: overflight observations 2018 11 18 am

We heard from him. Short summary: volume estimate 450L. Mostly types A&B but trace emulsion. No large groups of birds seen. No sign of oil at SWRX drill centre. He's back on another flight this afternoon.

DaveB

On November 18, 2018 at 1:03:03 PM NST, Thomas, Graham (EC) <graham.thomas@canada.ca> wrote:

Any news from the morning flight?

Graham Thomas

Senior Officer, Preparedness and Response - Atlantic

National Environmental Emergencies Centre (NEEC) - Mount Pearl Office

Environmental Protection Operations Directorate

Environment and Climate Change Canada / Government of Canada

graham.thomas@canada.ca<mailto:graham.thomas@canada.ca> / Tel: 709-772-4285 / Cell : [REDACTED] /
Emergencies 24/7 : 1-866-283-2333

Agent principal, Préparation et intervention - Atlantique

Centre national des urgences environnementales (CNUE) - Bureau de Mount Pearl

Direction des activités de protection de l'environnement

Environnement et Changement climatique Canada / Gouvernement du Canada

graham.thomas@canada.ca<mailto:graham.thomas@canada.ca> / Tél. : 709-772-4285 / Cell : [REDACTED] / Urgences
24/7 : 1-866-283-2333

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Pilgrim, Bret

From: Thomas, Graham (EC) <graham.thomas@canada.ca>
Sent: November-18-18 3:42 PM
To: Matheson, Kyle; Pilgrim, Bret
Subject: FW: request from ECCC for a telecom today at 1400 November 18
Attachments: Wildlife Observation Plan 2018-11-18.pdf

Husky indicated marine mammal obs are done at the same time as marine birds

Graham Thomas

Senior Officer, Preparedness and Response – Atlantic
National Environmental Emergencies Centre (NEEC) - Mount Pearl Office
Environmental Protection Operations Directorate
Environment and Climate Change Canada / Government of Canada
graham.thomas@canada.ca / Tel: 709-772-4285 / Cell : [REDACTED] / **Emergencies 24/7 : 1-866-283-2333**

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graham.thomas@canada.ca / Tél. : 709-772-4285 / Cell : [REDACTED] / **Urgences 24/7 : 1-866-283-2333**

**Pages 151 to / à 153
are withheld pursuant to section
sont retenues en vertu de l'article**

24(1)

**of the Access to Information Act
de la Loi sur l'accès à l'information**

**Pages 154 to / à 157
are withheld pursuant to sections
sont retenues en vertu des articles**

20(1)(b), 24(1)

**of the Access to Information Act
de la Loi sur l'accès à l'information**

**Pages 158 to / à 159
are withheld pursuant to section
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24(1)

**of the Access to Information Act
de la Loi sur l'accès à l'information**

**Pages 160 to / à 177
are withheld pursuant to sections
sont retenues en vertu des articles**

20(1)(b), 24(1)

**of the Access to Information Act
de la Loi sur l'accès à l'information**

Page 178

**is withheld pursuant to section
est retenue en vertu de l'article**

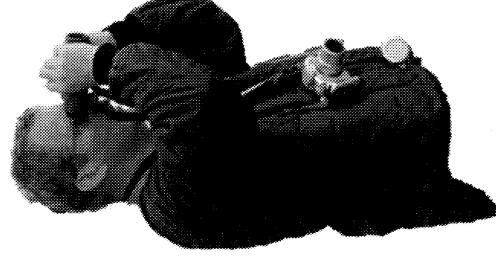
24(1)

**of the Access to Information Act
de la Loi sur l'accès à l'information**

Part II: ECSAS Protocol for collecting pelagic seabird data from moving platforms

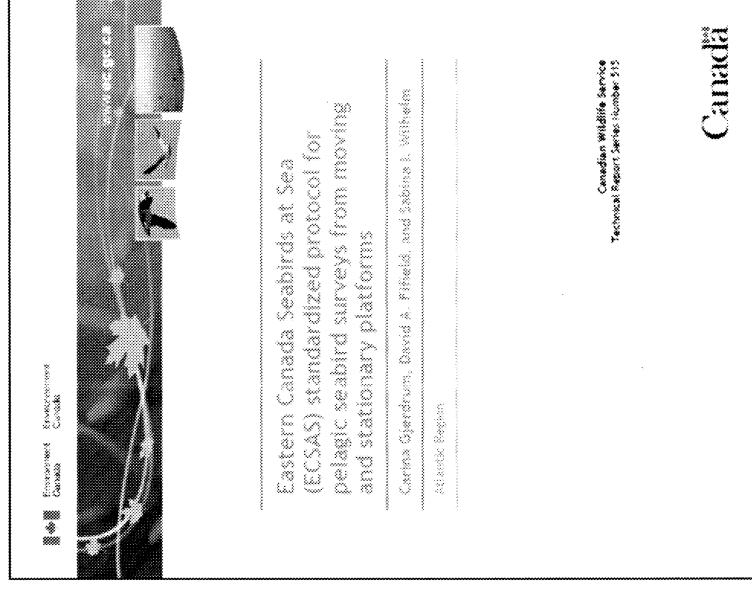
Objectives

- *Teach you the methods we use to collect and record data on birds at sea in Atlantic Canada*
- *Highlight circumstances that can be tricky to report*
- *Test your skills*



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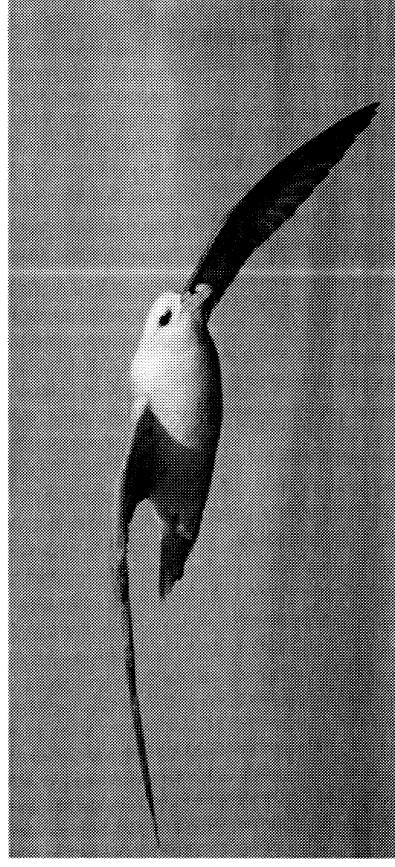
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Why collect data on birds at sea?

- *To assess the distribution and abundance of seabirds in order to identify and **minimize human impacts on these populations***

Who's there?
When are they there?
How many are there?



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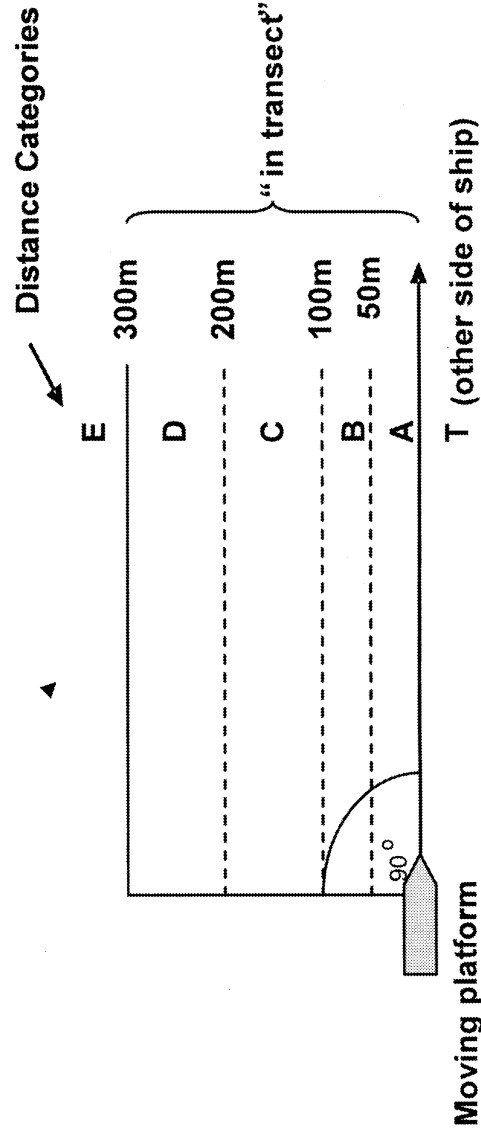
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General methods for seabird surveys

- **Surveys from moving platforms**

- High location near the front of the platform, possibly outdoors
- Scanning a 90° angle from one side
- 300m wide transect is priority. This band is referred to as the area “in transect”.



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ECSAs: Surveys from moving platforms

- Continuous series of 5-minute observation periods: “watches”
 - as many as possible, regardless if birds are present
 - transits longer than 2 hours take breaks to avoid observer fatigue
 - Information recorded on weather, ship speed, birds, etc.
- Continuously scan by eye
 - Binoculars are used to confirm species identification, and other details, such as age, moult, behaviour, etc.
- Platform speed: between 4 – 19 knots (7.5 - 35 km/hr)
 - Speed/direction changes: terminate and start new survey.
- Visibility: can work in fog.
 - Record visible transect width (e.g., 200m)

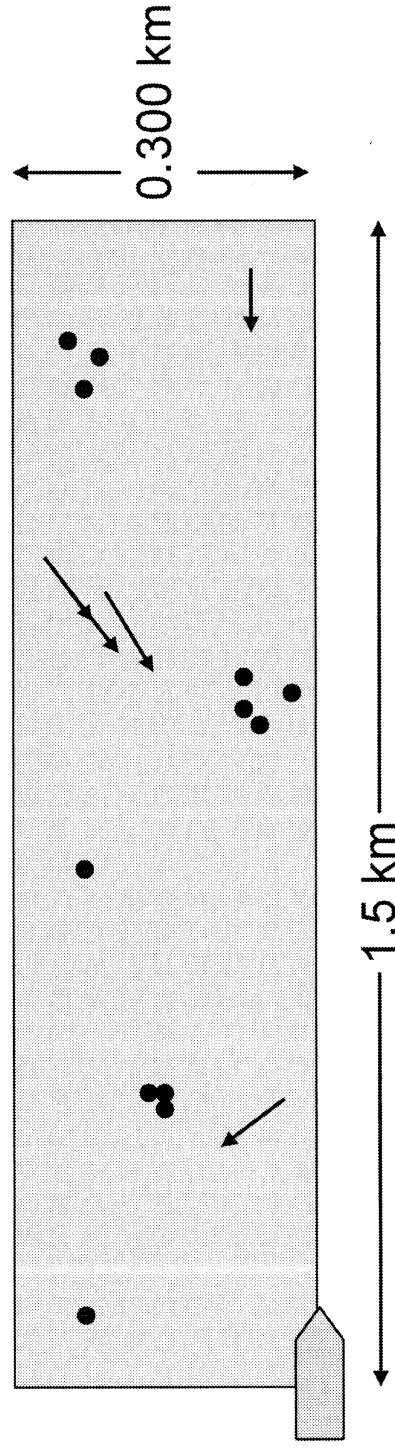


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Seabird Density



- Survey objective:
 - Obtain density of seabirds in an area of ocean
 - Ideally, we want an instantaneous snapshot at a moment in time
- In this example we have 17 birds in 0.45 km² ocean (37.8 birds/km²)



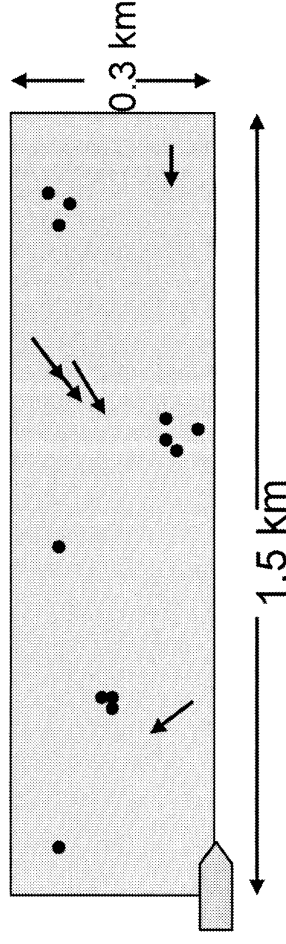
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Two Problems

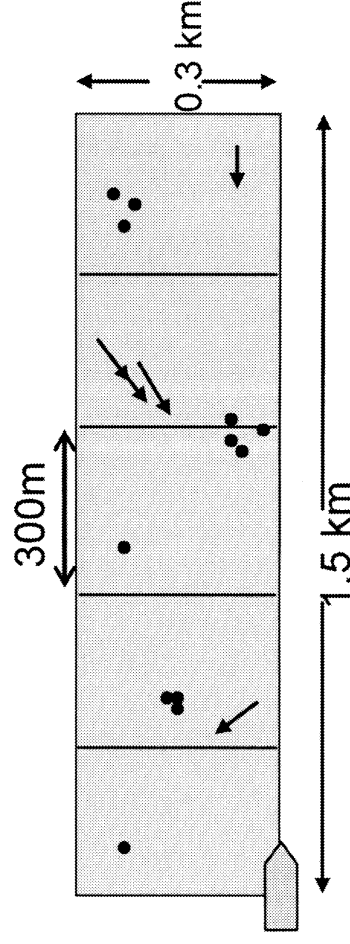
1. Flying birds

- more birds fly through than are there at any instant
- continuous count would overestimate their abundance
- would depend on flight speed relative to ship speed
- swimming birds are slow relative to ship, so can ignore this problem



• Solution

- series of smaller, instantaneous snapshots
- ~ every 300m



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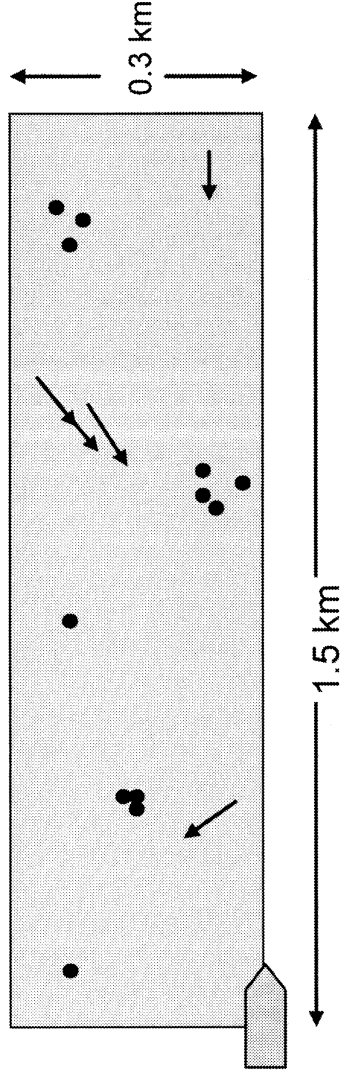
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Two Problems (cont'd)

2. Detectability

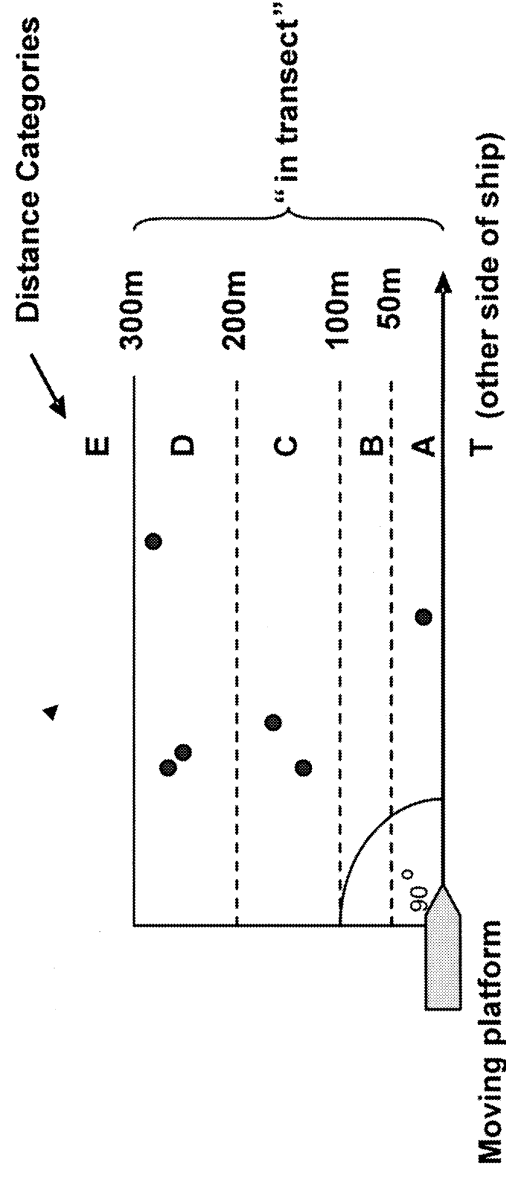
- Distant birds harder to see, so some are missed within the 300m transect
- How many??



- Ignoring this problem would underestimate abundance.
- Solution: Distance Sampling
 - Estimate proportion of birds missed

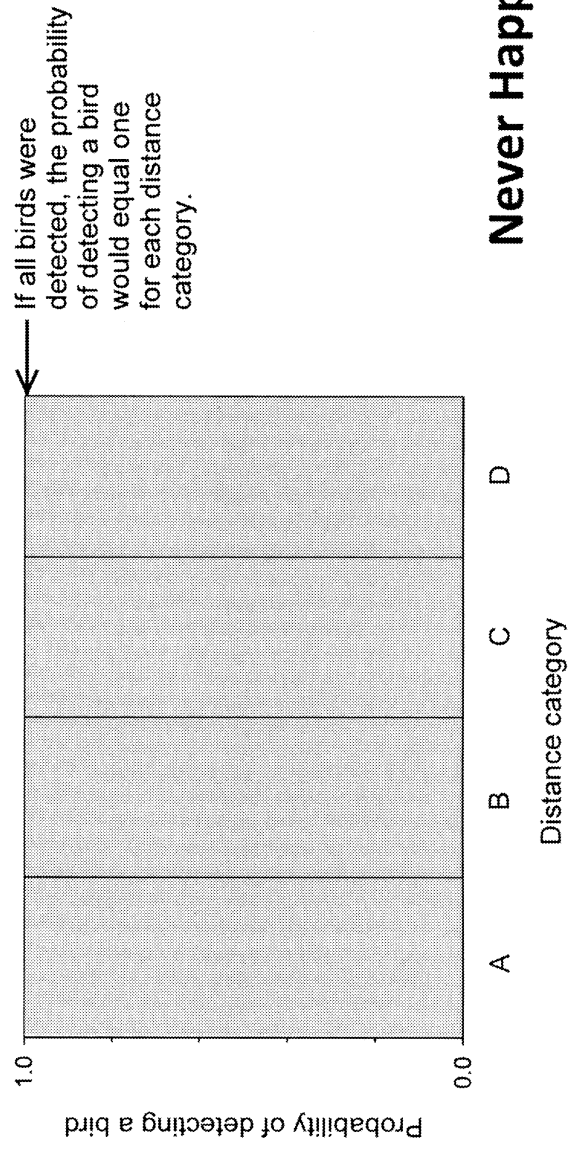
Distance Sampling: Methodology

- Simply record *perpendicular* distance to each bird
- Generate histogram of birds by category



Distance Sampling

- **Perfect world:** assume all birds detected
- **Expect:** Similar probability of detecting birds in each distance class



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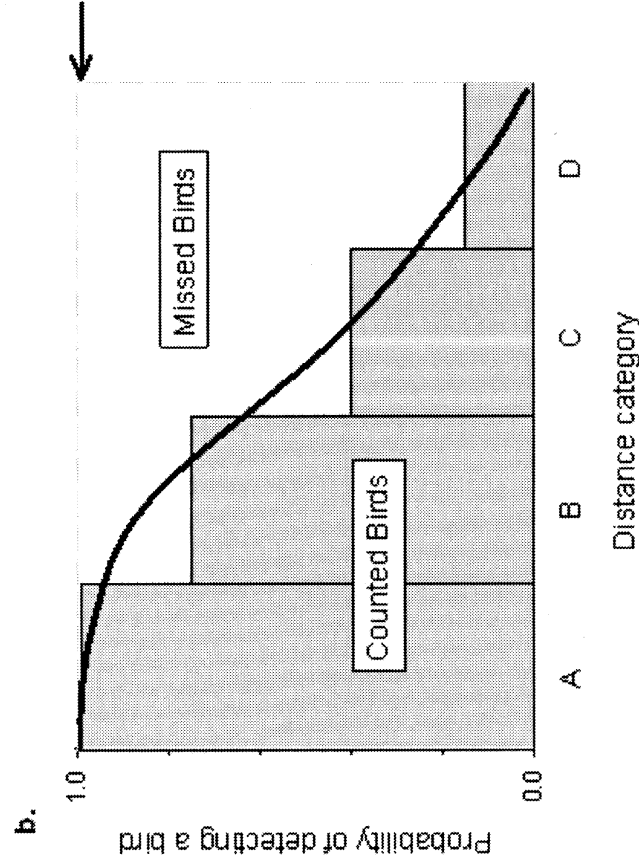
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Distance Sampling: Typical Histogram

- Detectability decreases with increasing distance
- Compute correction factor
- Probability of detection:

$$P = \frac{\text{Area under curve}}{\text{Area of rectangle}}$$



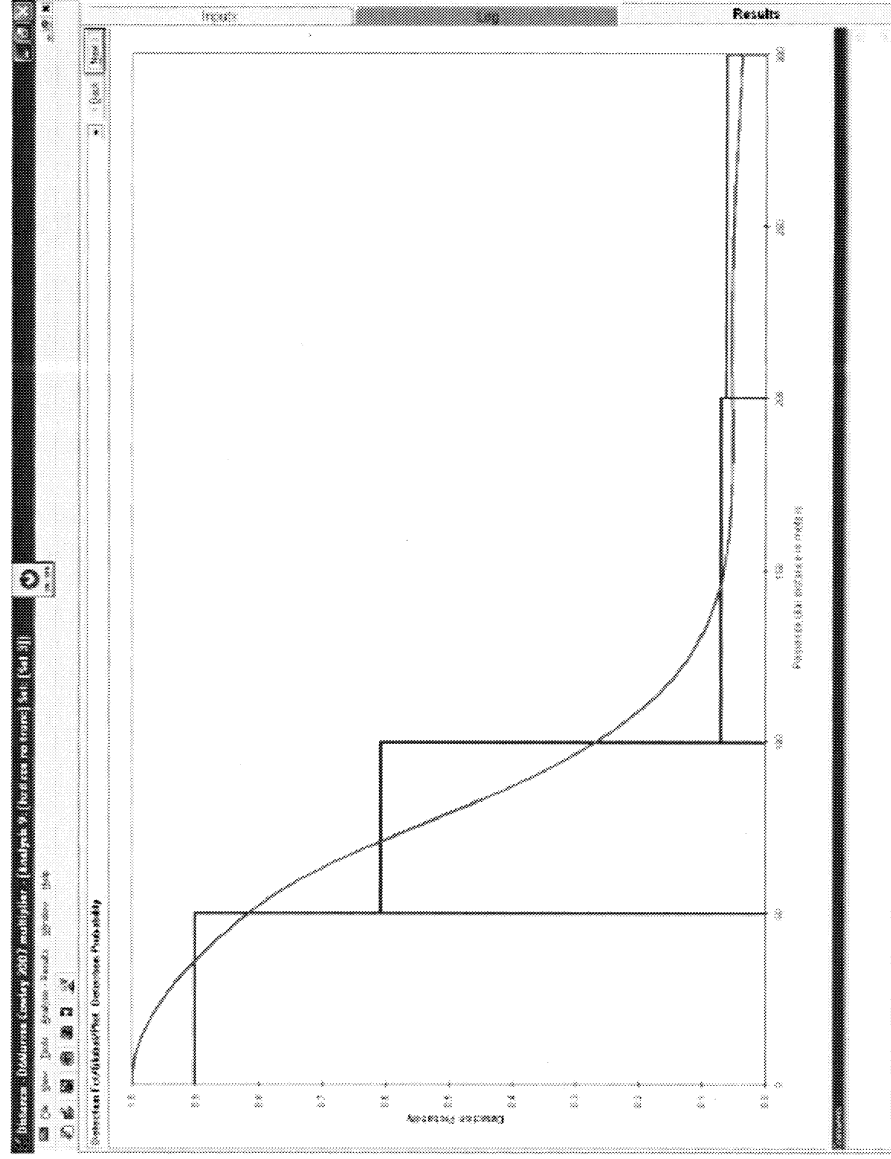
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Distance Sampling example

Murre detectability

- Grand Bank
- 4-19 April 2007



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Estimating distance categories

The various distance categories can be estimated using the following equation:

$$d_h = 1000 \frac{(ah3838\sqrt{h}) - ahd}{h^2 + 3838d\sqrt{h}}$$

where:

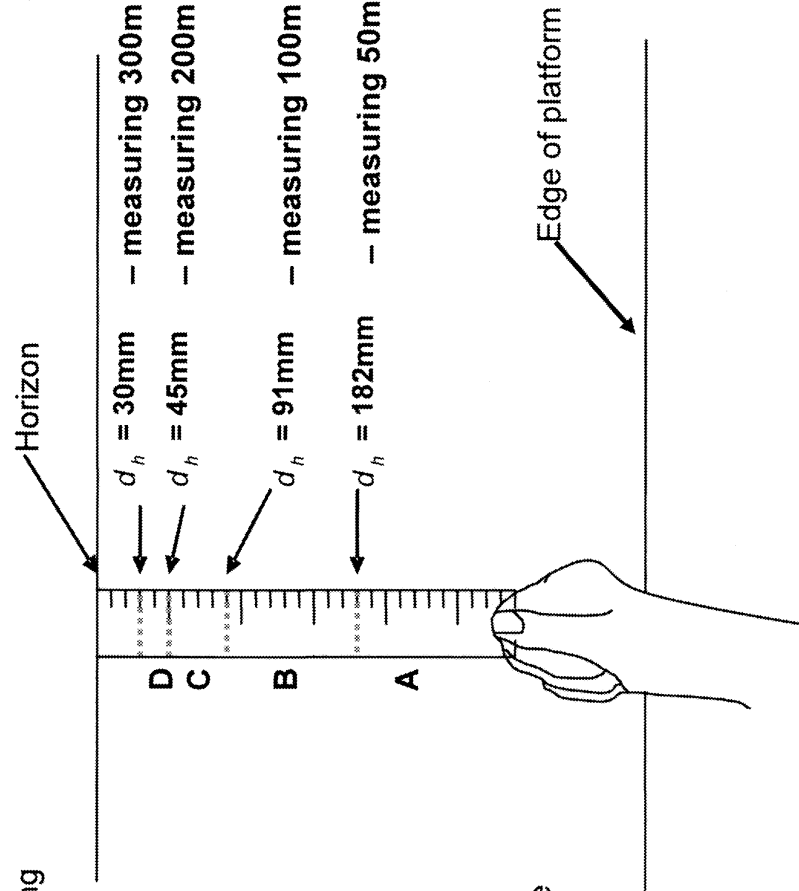
d_h = distance down from horizon down (mm)

a = distance between the observer's eye and the ruler when observer's arm is fully out-stretched (m)

h = height of the observer's eye above the water at the observation point (m)

d = distance to be estimated (50m, 100m, 200m, and 300m)

e.g. if $a = 0.730$ m, $h = 12.5$ m, and $d = 300$ m, then $dh = 30.0$ mm



Don't worry, the computer will do all the calculations for you!



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How to make one?



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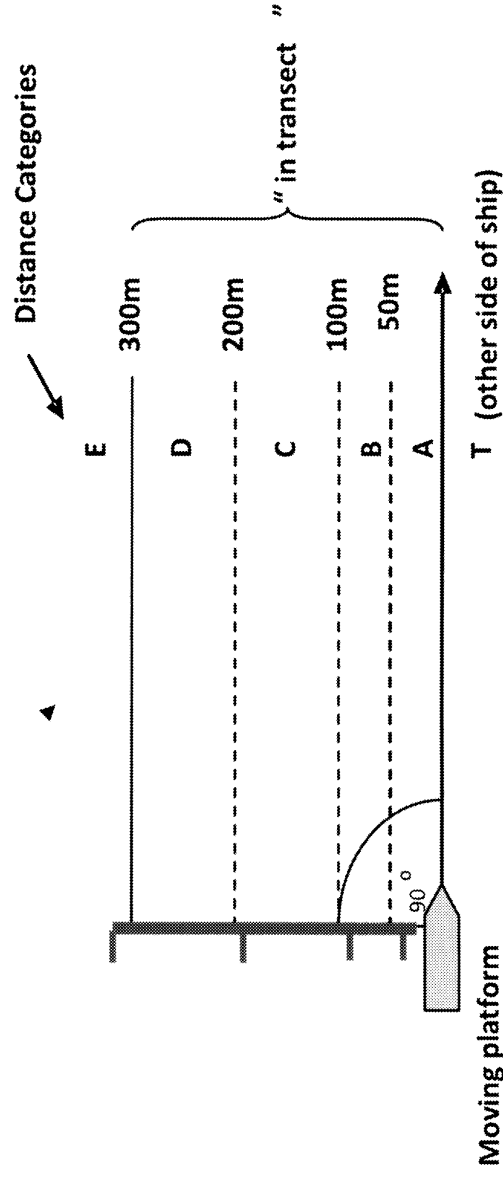
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Distance Sampling Framework

Continuous line transect

- count birds (on water and flying) as they pass under “yardstick” perpendicular to the observer
- in reality, count birds as soon as detected on water or on snapshot (before they react to ship)



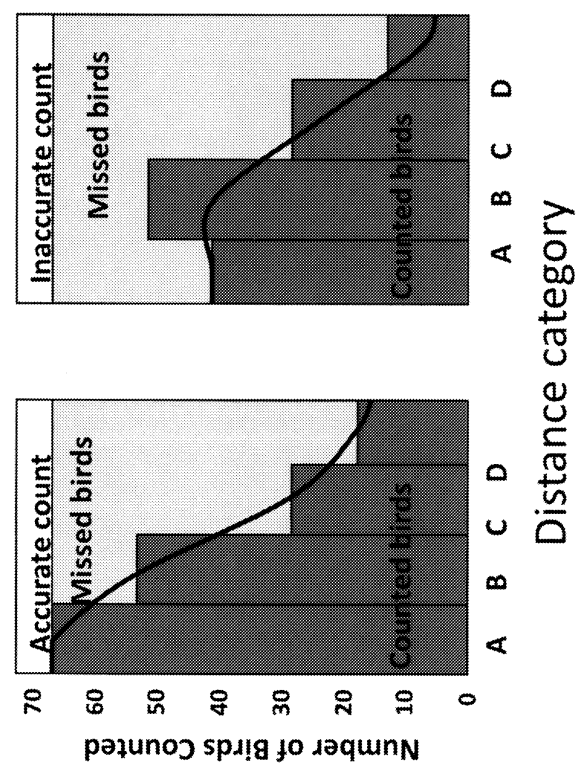
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The importance of Detecting All Birds in Distance Category A

- Correction factor dependent upon:
 - where curve meets the y-axis
- Which depends upon:
 - height of "A" column
- Assumption:
 - all birds in "A" are detected



It is therefore extremely important to ensure that all birds in the first bin are detected

Recording birds on water and in flight

Recording birds on water

- Recorded continuously throughout 5 min period
- Perpendicular distance from the observer estimated
- If bird flushes off water, count as on water and don't subsequently count as flying
- Scan ahead regularly (every minute) to detect birds that may dive or fly away as ship approaches

Recording birds in flight

- Recorded using a series of instantaneous counts known as snapshots
- Time interval between snapshots depends on the speed of the ship
- Perpendicular distance from the observer estimated at time of snapshot
- All 5 min observation period begin with a snapshot of flying birds



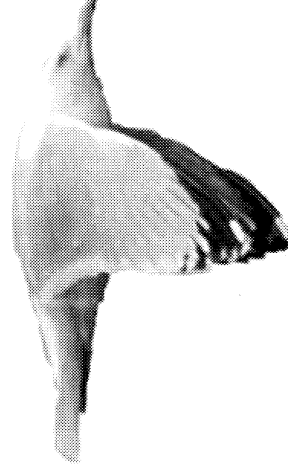
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When is a bird "in transect"

- Swimming
 - physically in the 300m wide transect
- Flying
 - within 300m of the observer
 - **AND** observed during snapshot

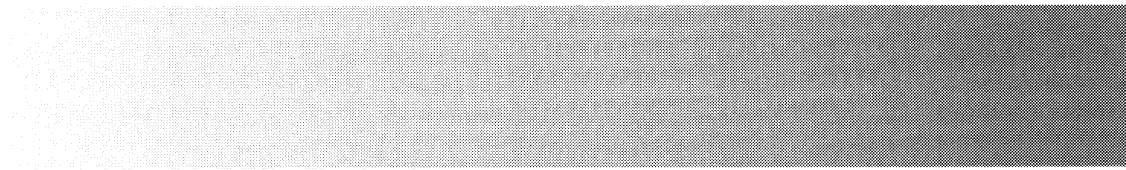


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Video simulation



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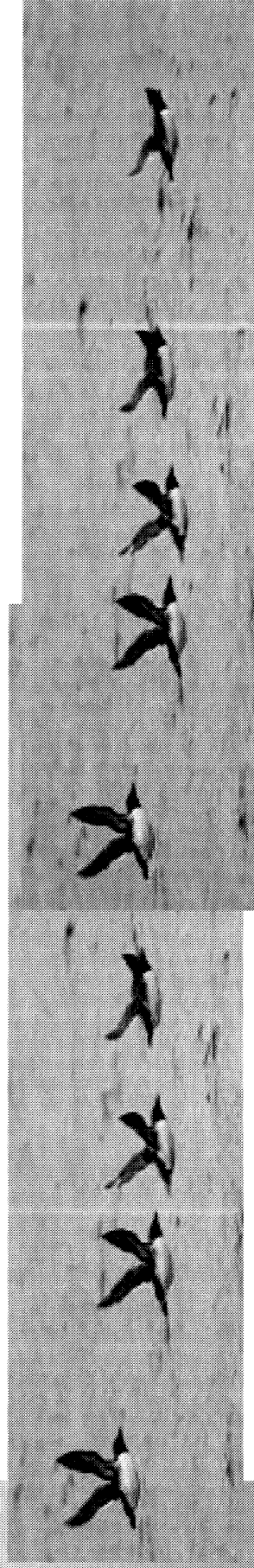
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Some special cases

Lines of flying birds

- At the time of snapshot, count number of birds in the flock
- Distance is estimated to the centre of the flock
- Recorded as “in transect” if centre of flock is within 300 m of observer



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Large numbers of birds.

Distance sampling no longer practical

Snapshots are conducted rather than continuous counts

At the time of the snapshot, all birds that occur within 300 m of the observer are counted

Flying birds are not separated from those on the water

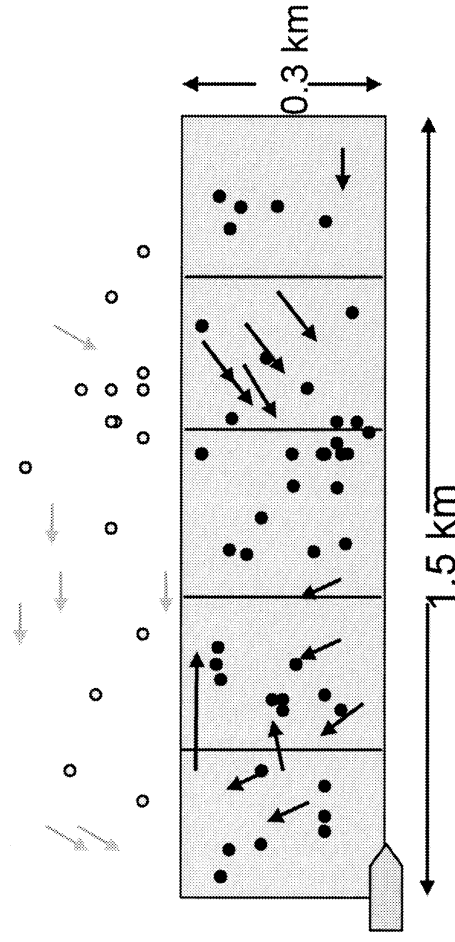
Another count does not occur until the next snapshot interval



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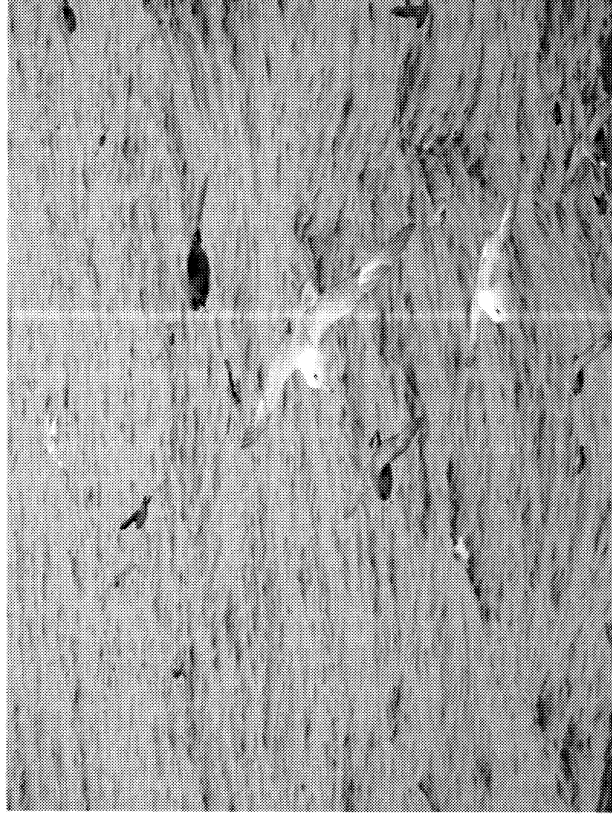
- *Forget distance sampling*
- *Count using instantaneous snapshots*
- *If some birds on water (i.e., feeding), count all as on water (in notes can indicate proportion in air)*
- *Focus on those in transect ONLY*



Some special cases

Birds that follow the ship

- Record bird upon first encounter, then ignore if following the ship (even if it leaves and then re-enters the survey area)
- When dozens or more birds are following, at each snapshot estimate the number of new birds in transect



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What else to record?

Bird Information: *this field must be completed for each record

* Species	* Count	* Fly or Water?	* In transect?	* Distance ¹	Assoc.	Behav.	Flight Direc. ²	Age ³	Plum. ⁴	Sex	Comments

- ☒ Species
- ☒ Count
- ☒ Fly or water?
- ☒ In Transect?
- ☒ Distance
- ☐ Association
- ☐ Behaviour
- ☒ Flight Direction (**N, NE, E, SE, S, SW, W, or ND**)
- ☒ Age (*Juvenile, Immature, Adult*)
- ☒ Plumage (*Breeding, Non-Breeding, Moulting*)
- ☒ Sex
- ☒ Comments

Associations

APPENDIX VI. Codes for associations and behaviours

From Camphuysen and Garthe (2004). Choose one or more as applicable.

Code	Description
<i>Association</i>	
10	Associated with fish shoal
11	Associated with cetaceans
13	Associated with front (often indicated by distinct lines separating two water masses or concentrations of flotsam)
14	Sitting on or near floating wood
15	Associated with floating litter (includes plastic bags, balloons, or any garbage from human source)
16	Associated with oil slick
17	Associated with sea weed
18	Associated with observation platform
19	Sitting on observation platform
20	Approaching observation platform
21	Associated with other vessel (excluding fishing vessel: see code 26)
22	Associated with or on a buoy
23	Associated with offshore platform
24	Sitting on offshore platform
26	Associated with fishing vessel
27	Associated with or on sea ice
28	Associated with land (e.g., colony)
50	Associated with other species feeding in same location



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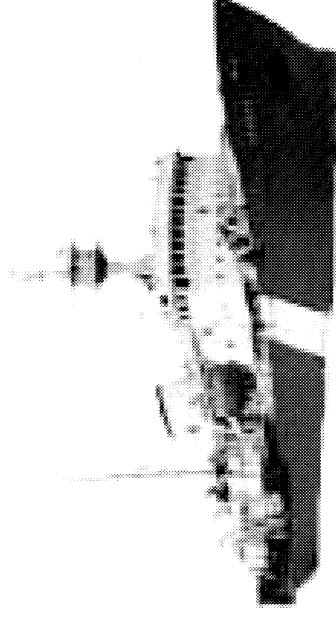
Behaviours

Code	Description	Explanation
<i>Foraging behaviour</i>		
30	Holding or carrying fish	carrying fish towards colony
32	Feeding young at sea	adult presenting prey to attended chicks (e.g., auks) or juveniles (e.g., terns)
33	Feeding	method unspecified (see behaviour codes 39-40-41-45)
36	Aerial pursuit	kleptoparasitizing in the air
39	Pattering	low flight over the water, tapping the surface with feet while still airborne (e.g., storm-petrels)
40	Scavenging	swimming at the surface, handling carrion
41	Scavenging at fishing vessel	foraging at fishing vessel, deploying any method to obtain discarded fish and offal; storm-petrels in the wake of trawlers picking up small morrels should be excluded
44	Surface pecking	swimming birds pecking at small prey (e.g., fishlarv, phalaropes, skuas, gulls)
45	Deep plunging	aerial seabirds diving under water (e.g., gannets, terns, shearwaters)
49	Actively searching	persistently circling aerial seabirds (usually peering down), or swimming birds frequently peering (and undisturbed by observation platform) underwater for prey
<i>General behaviour</i>		
60	Resting or apparently sleeping	reserved for sleeping seabirds at sea
64	Carrying nest material	flying with seaweed or other material, not to be confused with entangled birds
65	Guarding chick	reserved for auks attending recently fledged chicks at sea
66	Preening or bathing	birds actively preening feathers or bathing
<i>Distress or mortality</i>		
71	Escape from ship (by flying)	escaping from approaching observation platform
90	Under attack by kleptoparasite	bird under attack by kleptoparasite in an aerial pursuit, or when handling prey at the surface
93	Escape from ship (by diving)	escaping from approaching observation platform
95	Injured	birds with clear injuries such as broken wings or bleeding wounds
96	Entangled in fishing gear or rope	birds entangled with rope, line, netting or other material (even if still able to fly or swim)
97	Oiled	birds contaminated with oil
98	Sick/unwell	weakened individuals not behaving as normal, healthy birds, but without obvious injuries
99	Dead	bird is dead

Example survey from a moving platform

Two main components to every survey

- Watch data
 - Ship name and type
 - Observer
 - Date, time, position
 - Weather variables
 - Ship speed, etc.
- Sighting data
 - Species
 - Count
 - Behaviour
 - Association, etc.



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Example of a 5-minute survey from a moving platform (adapted from Tasker et al. 1984).

- We are travelling at 10 knots
- Snapshot at the start of each minute
- We record all birds flying within the 300m x 300m snapshot box as “in transect”
- Count birds in the air as “not in transect” between snapshots
- We continuously counting the birds we see on the water



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Example survey from a moving platform

There are two categories of data that we need to collect:

- Observation period information – “Watch data”
 - Observer name, ship activity, weather, etc.
- Sightings data
 - Species observed, behaviour, distance, etc.



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Example datasheet of a 5-minute survey from a moving platform

Observation Period Information:

Company/agency	CWS	Sea state code	3
Platform name and type	Hudson, DFO Research	Wave height (m)	1
Observer (s)	Dave Fifield	True wind speed (knots) OR Beaufort code	12
Date (Day Month Year)	24 May 2007	True wind direction (deg)	93°
Time at start (UTC)	11:00	Ice type code	0
Time at end (UTC)	11:05	Ice concentration code	0
Latitude at start / end	42°46.307 -61°59.156	True platform speed (knots)	10.0
Longitude at start / end		True platform direction (deg)	191°
Platform activity	Steaming	Observation side	Starboard Port
Visibility (km)	20	Height of eye (m)	12.3
Weather code	0	Outdoors or Indoors	Out or In
Glare conditions code	1	Snapshot used?	Yes or No

Notes:



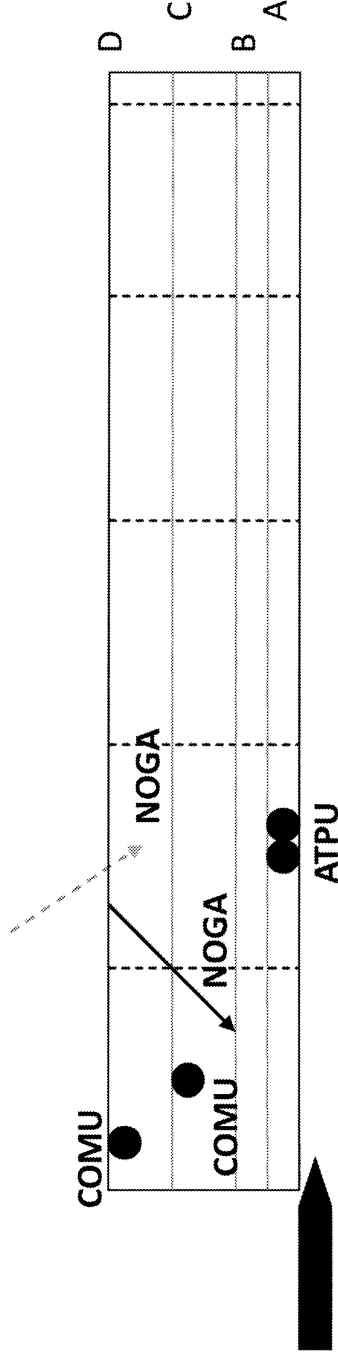
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Example of a 5-minute survey from a moving platform (cont.)

- observation period begins at 11:00 with a snapshot of the flying birds and a count of the birds we see on the water



- We see 2 separate adult Northern Gannets flying. We also see 2 Common Murres on the water to the port side of the vessel. We can also see 2 puffins together on the water, more than 300 m in front of the vessel.



Example datasheet of a 5-minute survey from a moving platform (cont.)

Bird Information: *this field must be completed for each record

Species*	Count*	Fly or water?*	In transect?*	Distance ¹ *	Assoc.	Behav.	Flight Direct. ²	Age ³	Plum. ⁴	Sex	comments
NOGA	1	F	Y	C			SW	A			
NOGA	1	F	N	D			SE	A			
COMU	1	W	Y	C							
COMU	1	W	Y	D							
ATPU	2	W	Y	A							

¹ **A** = 0-50m, **B** = 51-100m, **C** = 101-200m, **D** = 201-300m, **E** = > 300m, **3** = within 300m but no distance.

² Indicate compass direction (**N**, **NE**, **E**, **SE**, **S**, **SW**, **W**, or **NW**); **ND** = no apparent direction

³ **J**(juvenile), **I**(immature), or **A**(adult); **4B**(reeding), **NB**(non-breeding), **M**(oult)



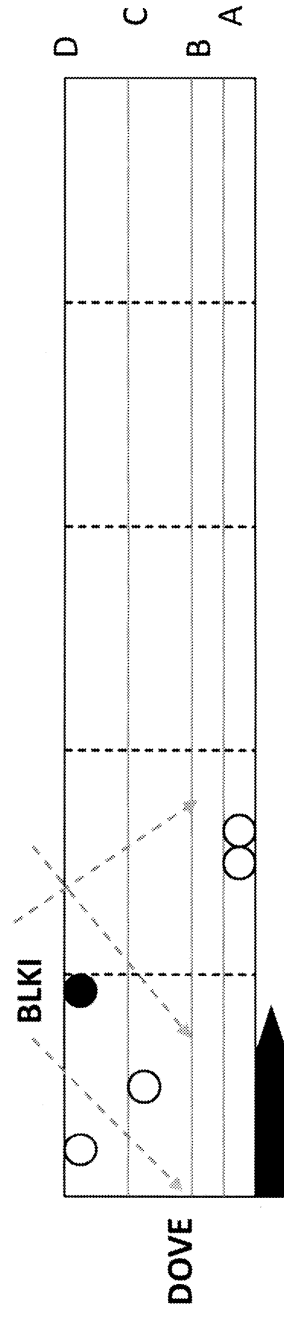
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Example of a 5-minute survey from a moving platform (cont.)

- Now we are about 30 seconds into the 5 min observation period, **in between snapshot counts.**
- We have already counted the 2 murres and 2 puffins on the water (shown in the figure as open circles), but an adult Black-legged Kittiwake has appeared on the water.
- A flying Dovekie has also appeared, flying southwest.



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Example datasheet of a 5-minute survey from a moving platform (cont.)

Species*	Count*	Fly or water?*	In transect?*	Distance ¹ *	Assoc.	Behav.	Flight Direct. ²	Age ³	Plum. ⁴	Sex	comments
NOGA	1	F	Y	C			SW	A			
NOGA	1	F	N	D			SE	A			
COMU	1	W	Y	C							
COMU	1	W	Y	D							
ATPU	2	W	Y	A							
BLKI	1	W	Y	D				A			
DOVE	1	F	N	C			SW				



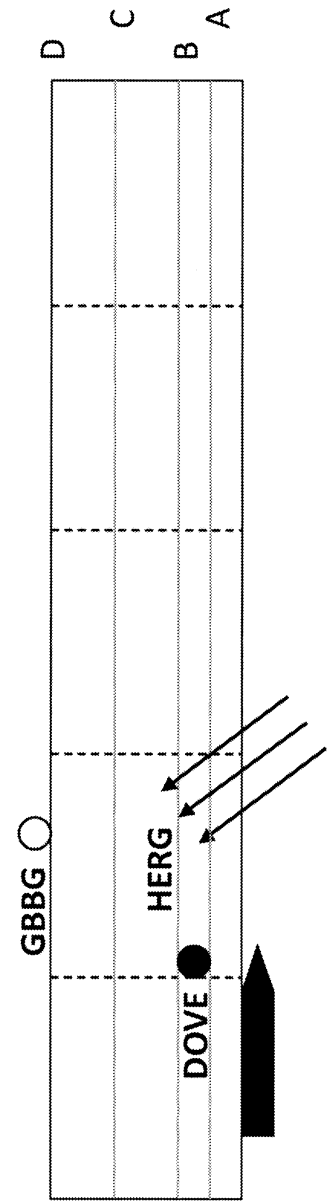
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Example of a 5-minute survey from a moving platform (cont.)

- At minute 1, we take another snapshot count of flying birds.
- A flock of 3 Herring Gulls is seen traveling NW (remember to take the distance to the center of the flock).
- We also see one Dovekie on the water, and one Great Black-backed Gull on the water (open circle).



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Example datasheet of a 5-minute survey from a moving platform (cont.)

Species*	Count*	Fly or water? *	In transect? *	Distance ¹ *	Assoc.	Behav.	Flight Direct. ²	Age ³	Plum. ⁴	Sex	comments
NOGA	1	F	Y	C			SW	A			
NOGA	1	F	N	D			SE	A			
COMU	1	W	Y	C							
COMU	1	W	Y	D							
ATPU	2	W	Y	A							
BLKI	1	W	Y	D				A			
DOVE	1	F	N	C			SW				
HERG	3	F	Y	B			NW				
DOVE	1	W	Y	B							
GBBG	1	W	N	E							



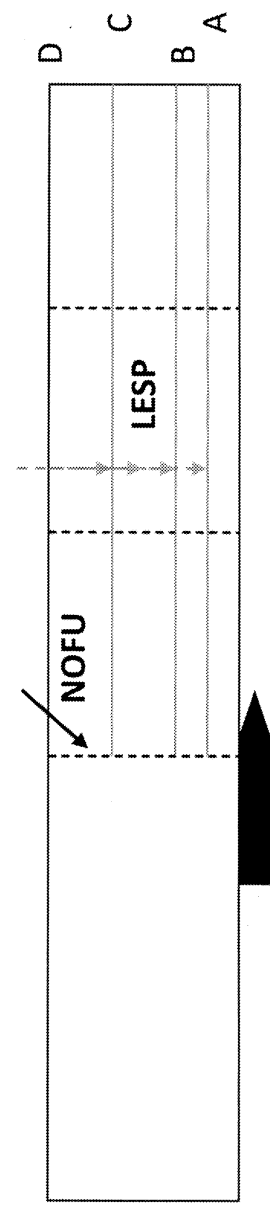
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Example of a 5-minute survey from a moving platform (cont.)

- At minute 2, we perform another snapshot.
- One Northern Fulmar is flying SW.
- A flock of 4 Leach's Storm-Petrels are flying south ahead of the vessel.



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Example datasheet of a 5-minute survey from a moving platform (cont.)

Species*	Count*	Fly or water?*	In transect?*	Distance ¹ *	Assoc.	Behav.	Flight Direct. ²	Age ³	Plum. ⁴	Sex	comments
NOGA	1	F	Y	C			SW	A			
NOGA	1	F	N	D			SE	A			
COMU	1	W	Y	C							
COMU	1	W	Y	D							
ATPU	2	W	Y	A							
BLKI	1	W	Y	D							
DOVE	1	F	N	C			SW				
HERG	3	F	Y	B			NW				
DOVE	1	W	Y	B							
GBBG	1	W	N	E							
NOFU	1	F	Y	D			SW				
LESP	4	F	N	C			S				



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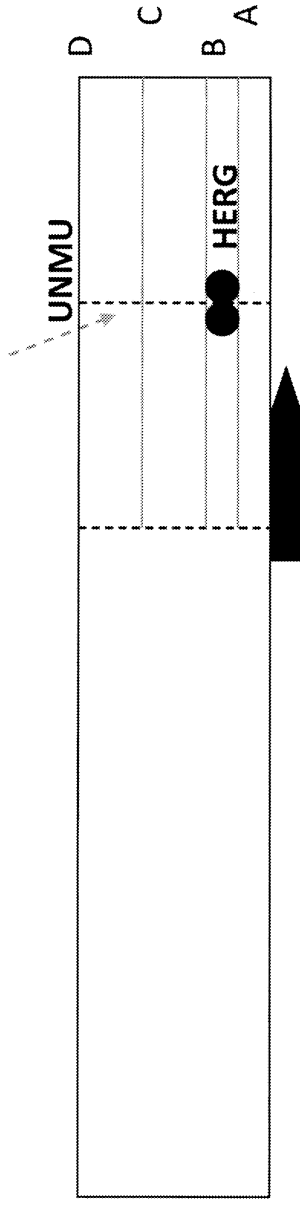
Example of a 5-minute survey from a moving platform (cont.)

- At minute 3, we perform another snapshot count.
- No new birds are observed.

			D
			C
			B
			A

Example of a 5-minute survey from a moving platform (cont.)

- At 3:42, an murre of unknown species is observed flying SE.
- Also, there are 2 Herring Gulls feeding by surface pecking up ahead on the water - one is a juvenile and one is an adult.



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Example datasheet of a 5-minute survey from a moving platform (cont.)

Species*	Count*	Fly or water?*	In transect?*	Distance ¹ *	Assoc.	Behav.	Flight Direct. ²	Age ³	Plum. ⁴	Sex	comments
NOGA	1	F	Y	C			SW	A			
NOGA	1	F	N	D			SE	A			
COMU	1	W	Y	C							
COMU	1	W	Y	D							
ATPU	2	W	Y	A							
BLKI	1	W	Y	D				A			
DOVE	1	F	N	C			SW				
HERG	3	F	Y	B			NW				
DOVE	1	W	Y	B							
GBBG	1	W	N	E							
NORU	1	F	Y	D			SW				
LHSP	4	F	N	C			S				
UNMU	1	F	N	D			SE				
HERG	1	W	Y	B		44		A			
HERG	1	W	Y	B		44		J			



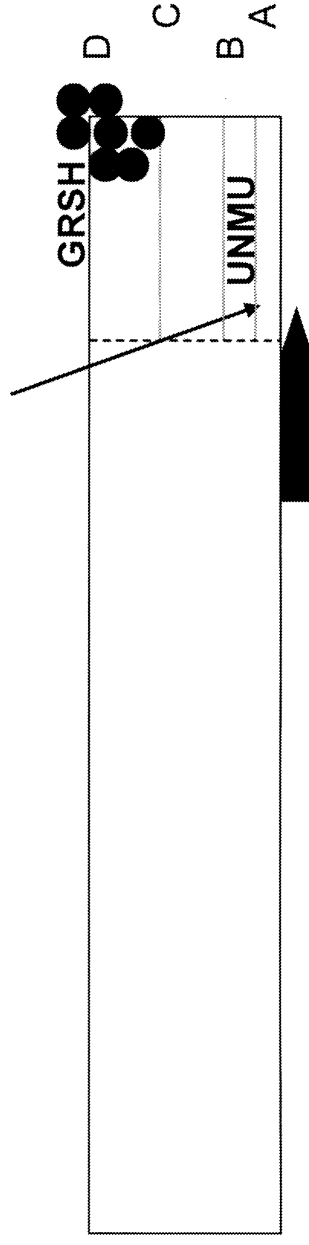
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Example of a 5-minute survey from a moving platform (cont.)

- At minute 4, our next snapshot takes place and we see that the unknown murre that we saw flying earlier is now close to the vessel.
- There is also a large flock of 200 Great Shearwaters on the water near the edge of the 300 m transect.



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Example datasheet of a 5-minute survey from a moving platform (cont.)

Species*	Count*	Fly or water?*	In transect?*	Distance ¹ *	Assoc.	Behav.	Flight Direct. ²	Age ³	Plum. ⁴	Sex	comments
COMU	1	W	Y	D							
ATPU	2	W	Y	A							
BLKI	1	W	Y	D				A			
DOVE	1	F	N	C			SW				
HERG	3	F	Y	B			NW				
DOVE	1	W	Y	B							
GBBG	1	W	N	E							
NOFU	1	F	Y	D			SW				
LHSP	4	F	N	C			S				
UNMU	1	F	N	D			SE				
HERG	1	W	Y	B		44		A			
HERG	1	W	Y	B		44		J			
UNMU	1	F	Y	B			SE				
GRSH	200	W	Y	D							



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Example of a 5-minute survey from a moving platform (cont.)

- As we approach the end of the 5 min observation period, we notice a Northern Fulmar that is following us, but has not been previously recorded.
- Also, there is a kittiwake about 350 m ahead of the vessel on the water, beyond the end of the 5 min observation period.

NOFU
→



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Example datasheet of a 5-minute survey from a moving platform (cont.)

Species*	Count*	Fly or water?*	In transect?*	Distance ¹ *	Assoc.	Behav.	Flight Direct. ²	Age ³	Plum. ⁴	Sex	comments
DOVE	1	F	N	C			SW				
HERG	3	F	Y	B			NW				
DOVE	1	W	Y	B							
GBBG	1	W	N	E							
NOFU	1	F	Y	D			SW				
LHSP	4	F	N	C			S				
UNMU	1	F	N	D			SE				
HERG	1	W	Y	B		44		A			
HERG	1	W	Y	B		44		J			
UNMU	1	F	Y	B			SE				
GRSH	200	W	Y	D							
NOFU	1	F	N	B	18						



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Some points to remember

- Surveys from a moving platform:
 - 90° to vessel
 - Five minutes long
 - Take a break every couple of hours
- Birds distance category A are very important because distance sampling mathematics assumes they are all detected.
- Birds in the air are only considered to be “in transect” at the time of the snapshot (and must be within 300 m of observer).
- Fill in as many fields as possible.

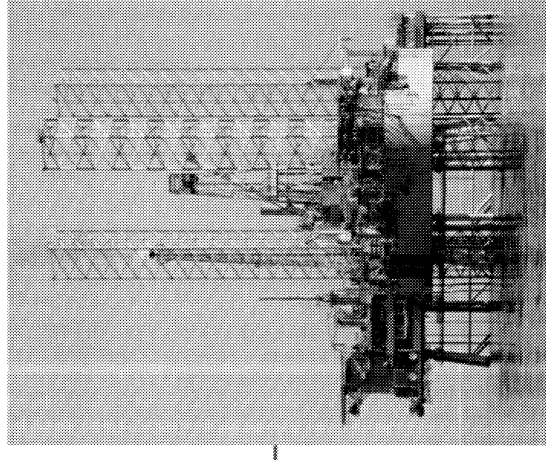


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Surveys from stationary platforms



- Observations from stationary platforms are conducted using instantaneous counts, or “snapshots”
- Scan once every hour, regardless if birds are present or not.
- The survey is conducted from a position outdoors whenever possible, as close to the edge of the platform as permitted.
- Observers should scan from the same location each time in order to increase the comparability among scans.
- When no birds are detected during a scan, it is important to record “No birds observed” on the record sheet.



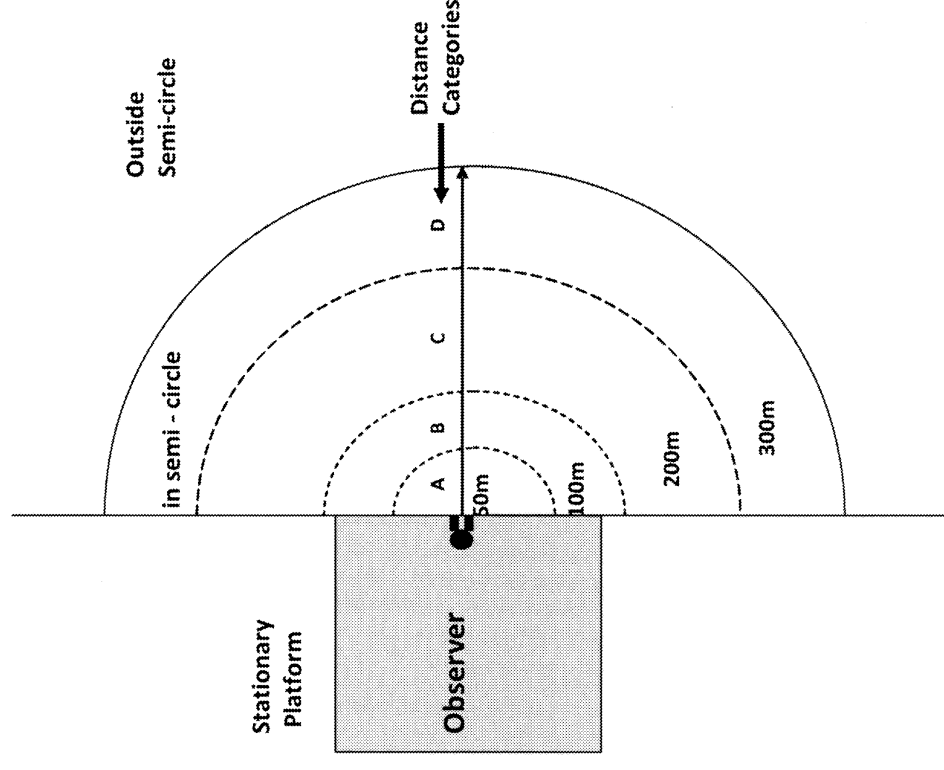
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Surveys from stationary platforms

- Scan a 180° arc giving priority to birds within a 300 m semi-circle.
- Visually sweep the area
 - once per scan,
 - from one side to the other, and
 - systematically record all birds on water and in flight.
- In poor visibility note how far you can see and conduct scan anyway.



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Some points to remember

- Lots of information to remember, but most important includes:
 - Species (can be unknown!)
 - Count
 - Whether they are in or out of transect (or semi-circle)
 - Behaviour (water, flying, feeding)



J. Chardine

Practical Exercise



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LeBlanc, Brian (Acting AC, Atlantic Region)

From: Vardy, Harvey
Sent: November 18, 2018 5:44 PM
To: LeBlanc, Brian (Executive Director, CCGC)
Cc: Miller, Anne
Subject: Fw: Update from Husky re Spill
Attachments: Draft CNLOPB Statement re Husky Oil Spill November 18.docx

Good evening Brian

The second over flight of the Sea Rose FPSO is now complete. Below you will find a chain of emails that I received from David which gives a great deal of information. Bruce is updating the NINP and will include the pertinent information.
Harv

Sent from my BlackBerry 10 smartphone on the Bell network.

Original Message

From: Yard, David C <David.Yard@dfo-mpo.gc.ca>
Sent: Sunday, November 18, 2018 4:24 PM
To: Vardy, Harvey
Subject: Fw: Update from Husky re Spill

Fyi

Updated sitrep to follow shortly with today's details

Sent from my BlackBerry 10 smartphone on the Bell network.

Original Message

From: Crann, Larry <Larry.Crann@dfo-mpo.gc.ca>
Sent: Sunday, November 18, 2018 16:50
Cc: Yard, David C; Grant, Robert; English, Ambrose C
Subject: Fw: Update from Husky re Spill

FYI.

Larry

Sent from my BlackBerry 10 smartphone on the Bell network.

Original Message

From: Okeefe, Jeff <JOkeefe@cnlopb.ca>
Sent: Sunday, November 18, 2018 15:50
To: Burley, Dave; Young, Elizabeth; Thomas, Graham (EC); Crann, Larry
Subject: Fwd: RE: Update from Husky re Spill

Larry/ Graham

This update will be going out in a few hours from our executive It is draft but you get the sense

Dave and Elizabeth are still in the office if Bruce wants to call or he can send an email update to us once he is ready

Thanks

Jeff

----- Forwarded message -----

From: Tessier, Scott <STessier@cnlopb.ca>

Date: November 18, 2018 at 2:17:08 PM NST

Subject: RE: Update from Husky re Spill

To: Nakeshia Atkey <nakeshia.atkey@canada.ca>, Eric Burpee <eric.burpee@canada.ca>, Lauren Knowles <lauren.knowles@canada.ca>, Micheline Joannis <micheline.joannis@canada.ca>, Arcand, Ingrid <ingrid.arcand@nrcan-rncan.gc.ca>, Vanessa Cook <vanessa.cook@nrcan-rncan.gc.ca>, Gordon McIntosh <gordonmcintosh@gov.nl.ca>, Jean-Clement Chenier <jean-clement.chenier@canada.ca>, Annette Tobin <annette.tobin@canada.ca>, Krista Dalton <kristadaltongov.nl.ca>, Tim Gardiner <timothy.gardiner@canada.ca>, OffShoreIncidents@nrcan-rncan.gc.ca <offshoreincidents@nrcan-rncan.gc.ca>, Chris Carter <chriscarter@gov.nl.ca>, Graeme Andrews <graeme.andrews2@canada.ca>, Diana Quinton <dianaquinton@gov.nl.ca>, Melony O'Neill <melonyoneill@gov.nl.ca>, Winsor, Bonnie <BWinsor@cnlopb.ca>, Aruna Rajulu <aruna.rajulu@canada.ca>, Kevin Machida <kevin.machida@canada.ca>, Loyola Power <loyolapower@gov.nl.ca>
Cc: Okeefe, Jeff <JOkeefe@cnlopb.ca>, Murphy, Tim <TMurphy@cnlopb.ca>, Rideout, Lesley <LRideout@cnlopb.ca>

Update as of 14:00 NL time:

Our draft statement is attached. It needs formatting but if you have any serious concerns or questions about it, please contact Tim Murphy (copied) asap. We plan to issue it in the next couple of hours.

Jeff O'Keefe and I were briefed on this morning's flight by Bruce English of the CCG:

- Still rough out there, with winds and whitecaps, but visibility was good. I'm doubtful an ROV will be able to be deployed today.
- Bruce estimates there's 450L (0.450 m3) on the surface over an area about 18km x 3km, with a smaller concentration about 3km x 3km in the middle.
- No reason at this point to believe there's fresh oil or anything else has come up since the initial event on Friday.
- At this point, we're wondering about Husky's initial 250m3 estimate but until the ROV can get down, we won't have anything to say about the quality. There is a chance it's actually much less, and not much chance it's more. Won't know though until they can see what's still in the flowline.
- Only a handful of gulls spotted during the flight, no known wildlife affected.
- Another flight is in the air now, with the same personnel.

· CWS and DFO requested a discussion with Husky to get details on their wildlife monitoring plans. That's happening now to my knowledge.

Thanks,
Scott

From: Tessier, Scott

Sent: Sunday, November 18, 2018 12:29 PM

To: Nakeshia Atkey <nakeshia.atkey@canada.ca>; Eric Burpee <eric.burpee@canada.ca>; Lauren Knowles <lauren.knowles@canada.ca>; Rideout, Lesley <LRideout@cnlopb.ca>; Micheline Joanisse <micheline.joanisse@canada.ca>; Arcand, Ingrid <ingrid.arcand@nrcan-rncan.gc.ca>; Vanessa Cook <vanessa.cook@nrcan-rncan.gc.ca>; Gordon McIntosh <gordonmcintosh@gov.nl.ca>; Jean-Clement Chenier <jean-clement.chenier@canada.ca>; Annette Tobin <annette.tobin@canada.ca>; Krista Dalton <kristadalton@gov.nl.ca>; Tim Gardiner <timothy.gardiner@canada.ca>; OffShoreIncidents@nrcan-rncan.gc.ca; Chris Carter <chrisccarter@gov.nl.ca>; Graeme Andrews <graeme.andrews2@canada.ca>; Diana Quinton <dianaquinton@gov.nl.ca>; Melony O'Neill <melonyoneill@gov.nl.ca>; Winsor, Bonnie <BWinsor@cnlopb.ca>; Aruna Rajulu <aruna.rajulu@canada.ca>; Murphy, Tim <TMurphy@cnlopb.ca>; Kevin Machida <kevin.machida@canada.ca>; Loyola Power <loyolapower@gov.nl.ca>
Cc: Okeefe, Jeff <JOkeefe@cnlopb.ca>
Subject: RE: Update from Husky re Spill

Good morning/afternoon,

Not too much news to report so far today, an update produced by Husky this morning is attached fyi.

We'll review the 7AM flight results soon, after which we'll complete and issue an update to the public, which you'll see first. I would hope we can get that out late afternoon-ish.

We've still only had a couple of media inquiries.

Our Chief Conservation Officer and I met with senior representatives from ExxonMobil this morning about resuming production at Hebron. They're initiating that process and essentially nothing will be done subsea without an ROV being deployed first. Suncor and Hibernia have some additional steps before they'll be in a position to resume. Our Safety and Operations staff along with the Chief Conservation Officer are in touch with the other operators.

We're having an internal huddle at 1pm NL time to compare notes and next steps.

Thanks,
Scott

From: Tessier, Scott

Sent: Saturday, November 17, 2018 4:40 PM

To: Nakeshia Atkey <nakeshia.atkey@canada.ca>; Eric Burpee <eric.burpee@canada.ca>; Lauren Knowles <lauren.knowles@canada.ca>; Rideout, Lesley <LRideout@cnlopb.ca>; Micheline Joanisse <micheline.joanisse@canada.ca>; Arcand, Ingrid <ingrid.arcand@nrcan-rncan.gc.ca>; Vanessa Cook <vanessa.cook@nrcan-rncan.gc.ca>; Gordon McIntosh <gordonmcintosh@gov.nl.ca>; Jean-Clement Chenier <jean-clement.chenier@canada.ca>; Annette Tobin <annette.tobin@canada.ca>; Krista Dalton <kristadalton@gov.nl.ca>; Tim Gardiner <timothy.gardiner@canada.ca>; OffShoreIncidents@nrcan-rncan.gc.ca; Chris Carter <chrisccarter@gov.nl.ca>; Graeme Andrews <graeme.andrews2@canada.ca>; Diana Quinton <dianaquinton@gov.nl.ca>; Melony O'Neill

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<melonyoneill@gov.nl.ca>; Winsor, Bonnie <BWinsor@cnlopb.ca>; Aruna Rajulu <aruna.rajulu@canada.ca>; Murphy, Tim <TMurphy@cnlopb.ca>; Kevin Machida <kevin.machida@canada.ca>; Loyola Power <loyolapower@gov.nl.ca>
Cc: Okeefe, Jeff <JOkeefe@cnlopb.ca>
Subject: RE: Update from Husky re Spill

Hi all,

Update as of 16:10 NL time:

- overflight is back, power issues at PAL preclude video review by our team until tonight or tomorrow. This is based on observations from Bruce Thistle of CCG, who's experienced and was on board
- no sheen at site, but sheen 2km south measuring 21km x 8km, 35% long streaks of trace oil, 95% tar code "A" with the remainder "B" -- those are the lightest of 5 or 6 categories
- that computes to a rough estimate of 2445L (2.445m3). Not sure anything can be concluded about how this relates to the 250m3 but does seem reasonable to conclude this was a batch spill based on that - gear still can't be deployed; still windy offshore and sea states 5-8
- two flights planned tomorrow, 7am and 1pm
- some gulls spotted, no flocks of birds

Couple of other updates:

- we've only had a couple of media calls. Our Lesley Rideout did a phone hit with NTV (local) that was straight up, not sure when it'll air as they don't have a news broadcast Saturday
- Husky seems to have been accessible and open with media
- I've spoken with [REDACTED] Suncor, emphasizing obvious importance of being highly cautious in them restarting. He understands. Our Safety and Operations folks are satisfied with measures taken by Suncor so far [REDACTED]

Probably not too much else to report tonight. Will let you know otherwise.

Thanks,
Scott

On November 17, 2018 at 12:50:35 PM NST, Scott Tessier <STessier@cnlopb.ca> wrote:
Thanks Lesley. Good afternoon all. Few
other, minor updates based on briefing from our Chief Conservation Officer at 12:15 NL time:

- PAL flight got in the air as off 11AM NL time, with CCG and wildlife observer on board
- we've requested more details of Husky's wildlife observation and spill modelling plans. They've been cooperative
- the vessel Maersk Dispatcher is also bringing wildlife observers offshore
- Atlantic Hawk is on site, no observations of sheen or wildlife today
- satellite observations not great resolution
- excellent support from CCG and NEEC
- we will initiate formal C-NLOPB Investigation, determining who will form team

I've also just seen email that Suncor is now contemplating resuming production from the Terra Nova. To be confirmed but they won't do that without clearing it with us.

Thanks,
Scott
C. [REDACTED]

On November 17, 2018 at 12:09:43 PM NST, Rideout, Lesley <LRideout@cnlopb.ca> wrote:
Good afternoon,

I've included a statement below that I will be providing NTV (local media) later on this afternoon and some updated key messages.

As for the spill, there is no indication on the water that there is a continuous leak, but there is no way to tell until an ROV is placed in the water. Sea states are still too high to deploy.

There is a possibility that a leak is occurring - there is a total of 1000 cubic meters of oil in the flowlines but their estimates are 250 m3.

I will send another update as soon as I have more information. Another PAL flight will be going out this afternoon.

Statement:

We continue to monitor Husky's response to the spill. We are in constant contact with Husky and are working with the relevant government agencies regarding the status of conditions offshore. All workers are safe, and all production activities at the SeaRose FPSO will remain suspended. The safety of workers and the protection of the environment remain our top priorities.

Key Messages:

The C-NLOPB continues to monitor Husky's response to the spill and are in continuous contact with Husky.

Production at the SeaRose FPSO remains suspended.

Workers are safe.

The Maersk Dispatcher is en route with the primary duty of monitoring wildlife.

We are working with the National Environmental Emergencies Centre of Environment and Climate Change Canada and the Canadian Coast Guard.

There is a scheduled PAL follow up flight for today.

The safety of workers and environmental protection continue to be our priorities.

Thanks,
Lesley
709=725-2900

-----Original Message-----

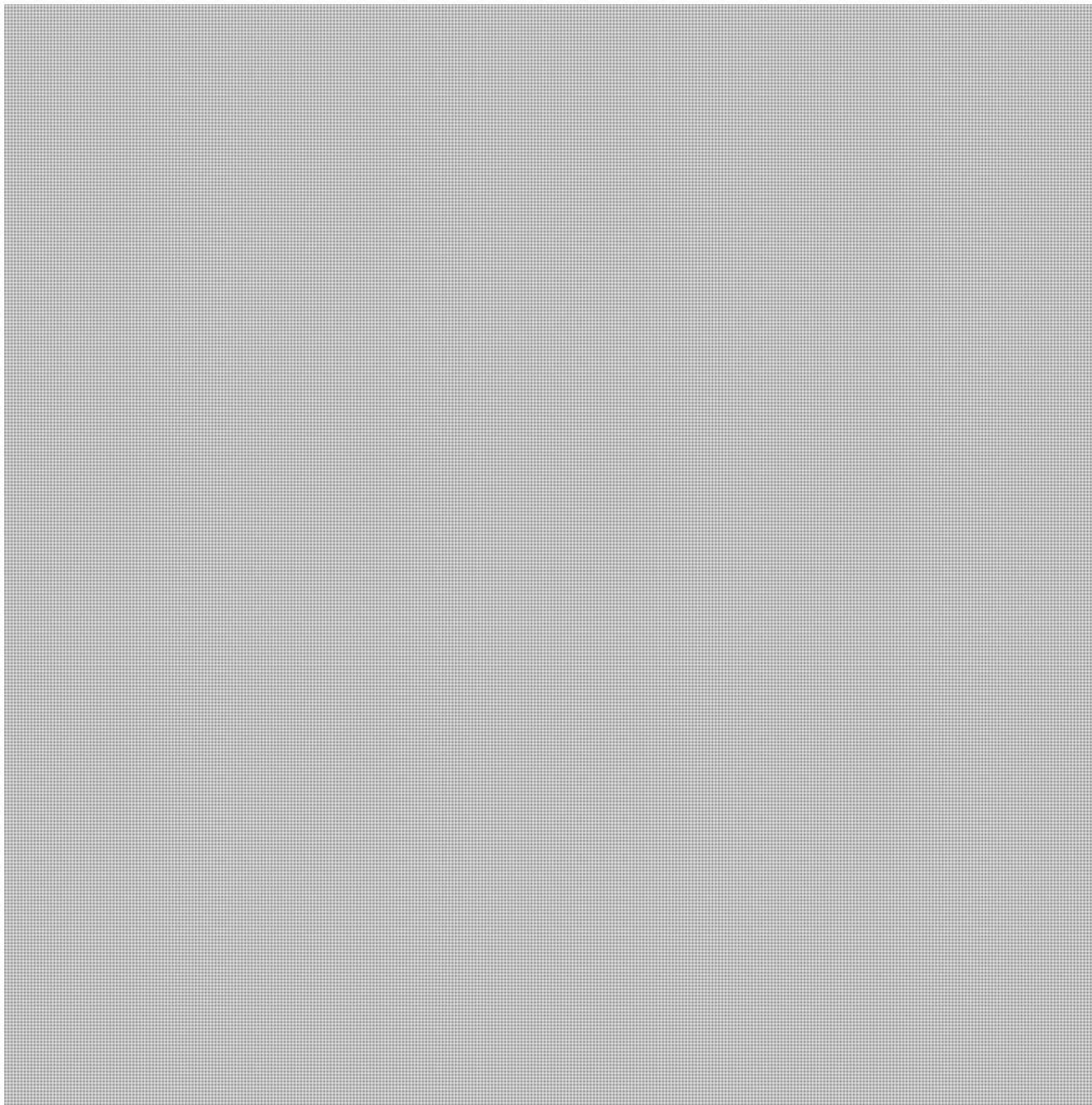
From: Rideout, Lesley

Sent: Saturday, November 17, 2018 10:56 AM

To: Rideout, Lesley; Annette Tobin; Arcand, Ingrid ; Aruna Rajulu ; Chris Carter ; Diana Quinton ; Eric Burpee; Gordon McIntosh; Graeme Andrews ; Jean-Clement Chenier ; Kevin Machida ; Krista Dalton ; Lauren Knowles; Loyola Power ; Melony O'Neill ; Micheline Joannis ; Murphy, Tim; Nakeshia Atkey ; OffShoreIncidents@nrcan-rncan.gc.ca; Tim Gardiner ; Vanessa Cook ; Winsor, Bonnie
Subject: Update from Husky re Spill

The Board's updated key messages will follow.

Update from Husky Energy:



-----Original Message-----

From: Rideout, Lesley

Sent: Friday, November 16, 2018 6:24 PM

To: Annette Tobin; Arcand, Ingrid ; Aruna Rajulu ; Chris Carter ; Diana Quinton ; Eric Burpee; Gordon McIntosh; Graeme Andrews ; Jean-Clement Chenier ; Kevin Machida ; Krista Dalton ; Lauren Knowles; Loyola Power ; Melony O'Neill ; Micheline Joannis ; Murphy, Tim; Nakeshia Atkey ; OffShoreIncidents@nrcan-rncan.gc.ca; Rideout, Lesley; Tim Gardiner ; Vanessa Cook ; Winsor, Bonnie

Subject: C-NLOPB Incident Bulletin

Importance: High

Good evening,

Please find the Board's Incident Bulletin attached, which will be posted to our website shortly in response to the Husky Energy spill from today.

I will send some messaging around shortly. We are monitoring the situation and are currently waiting on images from the PAL flight. We will not be providing the public with further details into the incident outside of what's in the bulletin at this time.

I will continue to send updates as we have them, but please contact me with any questions you may have.

Thank you,

Lesley

Lesley Rideout

Communications Lead

t. 709 778 4224

c. 709 725 2900

twitter @CNLOPB

www.cnlopb.ca <<http://www.cnlopb.ca/>>

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C-NLOPB Statement on Husky Energy Offshore Oil Spill – November 18, 2018

- Thanks to the efforts of many, there have been no reports of workers getting hurt during last week's storm, which was one of the worst this region has seen offshore since the Ocean Ranger disaster in 1982. The absence of injuries speaks to hard-earned advances in safety in the Canada-Newfoundland and Labrador Offshore Area.
- However, the spill of crude oil in the White Rose Field as Husky Energy prepared to resume production showed that the risks in offshore oil activity can never be underestimated, especially in our harsh environment. Those risks are only acceptable when all reasonable measures have been taken to reduce them.
- Husky has confirmed that all wells are confirmed as shut-in and secure. As well, production and drilling operations are also shut-in and will remain so for the foreseeable future.
- Four surveillance flights and an offshore support vessel have been deployed since Friday to help assess the extent of the spill and look for any effects on wildlife. To date, no affected marine life or seabirds have been seen by government and industry observers in the vicinity of the spill and its trajectory. The C-NLOPB is particularly grateful to the Canadian Coast Guard and the National Environmental Emergencies Centre for their ongoing assistance and advice in the Board's oversight of Husky Energy's response to the spill.
- Husky will deploy a Remote Operated Vehicle (ROV) to inspect subsea assets as soon as sea states have subsided to enable safe launching of the ROV.
- As to next steps, the C-NLOPB will:
 - carefully review Husky Energy's ongoing response, the company's investigation report when ready and its Operations Authorization in light of this incident and the one last year involving the near miss of an iceberg with the SeaRose FPSO;
 - formally investigate the spill under its powers as per the *Atlantic Accord Implementation Acts*, in an effort to confirm the root cause;
 - release the findings of the C-NLOPB investigation to the public as soon as they are available;
 - take whatever enforcement action is deemed appropriate in this incident;
 - share the learnings from this incident with the industry and other regulators in Canada and worldwide, through the International Regulators Forum and the International Offshore Petroleum Environmental Regulators;
 - redouble our efforts with operators in the Canada-Newfoundland and Labrador Offshore Area with regard to spill prevention and response, and harsh weather protocols and procedures, with a view to further reducing risks to offshore workers, the environment and facilities; and
 - continue to otherwise use its regulatory oversight to drive improved industry performance in the Canada-Newfoundland and Labrador Offshore Area.
- More broadly, late last week the C-NLOPB's Chief Safety Officer advised all operators to take the time necessary to address known storm impacts while ensuring there were no surprises as

operators consider getting ready to resume operations. In the wake of the oil spill at the White Rose Field, the C-NLOPB CEO and senior staff have been in contact with other operators in the Canada-Newfoundland and Labrador Offshore Area. Operations at other facilities will not resume until the C-NLOPB has determined that it is safe to do so.

- The C-NLOPB will provide further updates as they become available.

DRAFT

Page 238

**is withheld pursuant to sections
est retenue en vertu des articles**

19(1), 24(1)

**of the Access to Information Act
de la Loi sur l'accès à l'information**

Bungay, Kerry

From: Bungay, Kerry
Sent: November-18-18 2:25 PM
To: Simms, Jason
Subject: Fw: **UPDATE** NEEC Incident Notification: NL_2018/11/16_Searose FPSO_South White Rose Extension_Offshore_Oil slick

Sent from my BlackBerry 10 smartphone on the Bell network.

From: Matheson, Kyle <Kyle.Matheson@dfo-mpo.gc.ca>
Sent: Saturday, November 17, 2018 11:13 AM
To: Bungay, Kerry
Cc: Pilgrim, Bret
Subject: RE: **UPDATE** NEEC Incident Notification: NL_2018/11/16_Searose FPSO_South White Rose Extension_Offshore_Oil slick

Thanks for the confirmation Kerry.

We will keep you posted.

Cheers, Kyle

From: Bungay, Kerry
Sent: November-17-18 11:13 AM
To: Matheson, Kyle
Cc: Pilgrim, Bret
Subject: Re: **UPDATE** NEEC Incident Notification: NL_2018/11/16_Searose FPSO_South White Rose Extension_Offshore_Oil slick

Not aware of official exclusion zone....they do keep away from that, thought was more of an agreement than legislation requiring it, but would have to verify that

Was aware of spill , this should not be issue. No boats fishing around searose.

Also offshore boats have stopped fishing right now due to sea conditions.

Sent from my BlackBerry 10 smartphone on the Bell network.

From: Matheson, Kyle
Sent: Saturday, November 17, 2018 10:52 AM
To: Bungay, Kerry
Cc: Pilgrim, Bret
Subject: FW: **UPDATE** NEEC Incident Notification: NL_2018/11/16_Searose FPSO_South White Rose Extension_Offshore_Oil slick

Morning Kerry,

Last night we received notification of a spill of crude oil from the Searose FPSO of ~ 250 t from one of its undersea lines. The most recent overflight has estimated ~ 3 t has reached the surface, but poor weather is not permitting containment and clean-up of the spill and making further overflights difficult.

The coordinates of the observed slick are 46 30 N 48 2 W. Bret and I thought there may be an exclusion zone to fisheries near the offshore platform activities, but were not certain on the details. Do you know these details or if there may be any ongoing fisheries in this area.

The most recent update has indicated that most of the latest observed slick has been broken up due to the wave activity and no new oil coming to the surface has been observed. Hopefully this is an indication that the spill is contained and the leak is not still active. However, because of the uncertainty we are trying to collect what information we have in the mean time.

Thanks, Kyle

From: CNUE / NEEC (EC) [mailto:ec.cnue-neec.ec@canada.ca]
Sent: November-17-18 10:02 AM
To: EnforcementDuty (EC); 'pollutionreports@gov.nl.ca'; Wilhelm, Sabina (EC); Gjerdum, Carina (EC); Donaldson, Garry (EC); Whittam, Becky (EC); Ronconi, Robert (EC); EC.F EB-WED-ATL F.EC; SQEM Atlantique / MWQM Atlantic (EC); GLF CSSP Closure / PCCSM fermeture GLF (DFO/MPO); Hendry, Christopher; XNFL-GRP_Environmental Incident Reports; dfo.fpp.nl / ppp.t-n-e-l.mpo (DFO/MPO); MCTS Labrador / SCTM Labrador (DFO/MPO)
Cc: Thomas, Graham (EC); Tulen, Lisa (EC)
Subject: **UPDATE** NEEC Incident Notification: NL_2018/11/16_Searose FPSO_South White Rose Extension_Offshore_Oil slick

Hello,

Please note that the National Environmental Emergencies Centre (NEEC) was informed of the following incident: Please see attached updated report.
Regards,

Yacine Mbengue

Centre National des Urgences Environnementales (CNUE)
Environnement Canada / Gouvernement du Canada

yacine.mbenque@canada.ca / ec.cnue-neec.ec@canada.ca
Urgences 24/7: 1-866-283-2333

National Environmental Emergencies Centre (NEEC)
Environment Canada / Government of Canada
yacine.mbenque@canada.ca / ec.cnue-neec.ec@canada.ca
Emergencies 24/7: 1-866-283-2333

De : CNUE / NEEC (EC)

Envoyé : 16 novembre 2018 14:38

À : CNUE / NEEC (EC) <ec.cnue-neec.ec@canada.ca>; EnforcementDuty (EC) <ec.enforcementduty.ec@canada.ca>; 'pollutionreports@gov.nl.ca' <pollutionreports@gov.nl.ca>; Wilhelm, Sabina (EC) <sabina.wilhelm@canada.ca>; Gjerdrum, Carina (EC) <carina.gjerdrum@canada.ca>; Donaldson, Garry (EC) <garry.donaldson@canada.ca>; Whittam, Becky (EC) <becky.whittam@canada.ca>; Ronconi, Robert (EC) <robert.ronconi@canada.ca>; EC.F EB-WED-ATL F.EC <EC.FB-WED-ATL.EC@canada.ca>; SQEM Atlantique / MWQM Atlantic (EC) <ec.sqematlantique-mwqmatlantic.ec@canada.ca>; 'CSSPClosure@dfo-mpo.gc.ca' <CSSPClosure@dfo-mpo.gc.ca>; 'chris.hendry@dfo-mpo.gc.ca' <chris.hendry@dfo-mpo.gc.ca>; 'XNFLenvironmentalincidentreports@dfo-mpo.gc.ca' <XNFLenvironmentalincidentreports@dfo-mpo.gc.ca>; 'FPP.XNFL@dfo-mpo.gc.ca' <FPP.XNFL@dfo-mpo.gc.ca>; 'Labrador.MCTS@dfo-mpo.gc.ca' <Labrador.MCTS@dfo-mpo.gc.ca>

Cc : Thomas, Graham (EC) <graham.thomas@canada.ca>; Tulen, Lisa (EC) <lisa.tulen@canada.ca>

Objet : **UPDATE** NEEC Incident Notification: NL_2018/11/16_Searose FPSO_South White Rose Extension_Offshore_Oil slick

Good day,

Please note that the National Environmental Emergencies Centre (NEEC) was informed of the following incident. See attached updated report.

Mariana Dawe

Agente des opérations de notifications environnementales

Bureau de notifications environnementales, Centre National des Urgences Environnementales (CNUE)

Environnement et Changement climatique Canada | Gouvernement du Canada

mariana.dawe@canada.ca | ec.cnue-neec.ec@canada.ca

Urgences 24/7 : 1-866-283-2333

Environmental Notifications Operations Officer

Environmental Notifications Desk, National Environmental Emergencies Centre (NEEC)

Environment and Climate Change Canada | Government of Canada

mariana.dawe@canada.ca | ec.cnue-neec.ec@canada.ca

Emergencies 24/7: 1-866-283-2333

From: CNUE / NEEC (EC)

Sent: November 16, 2018 12:52 PM

To: EnforcementDuty (EC) <ec.enforcementduty.ec@canada.ca>; 'pollutionreports@gov.nl.ca' <pollutionreports@gov.nl.ca>; Wilhelm, Sabina (EC) <sabina.wilhelm@canada.ca>; Gjerdrum, Carina (EC) <carina.gjerdrum@canada.ca>; Donaldson, Garry (EC) <garry.donaldson@canada.ca>; Whittam, Becky (EC) <becky.whittam@canada.ca>; Ronconi, Robert (EC) <robert.ronconi@canada.ca>; EC.F EB-WED-ATL F.EC <EC.EB-WED-ATL.F.EC@canada.ca>; SQEM Atlantique / MWQM Atlantic (EC) <ec.sqematlantique-mwqmatlantic.ec@canada.ca>; 'CSSPClosure@dfo-mpo.gc.ca' <CSSPClosure@dfo-mpo.gc.ca>; 'chris.hendry@dfo-mpo.gc.ca' <chris.hendry@dfo-mpo.gc.ca>; 'XNFlEnvironmentalincidentreports@dfo-mpo.gc.ca' <XNFlEnvironmentalincidentreports@dfo-mpo.gc.ca>

Cc: Thomas, Graham (EC) <graham.thomas@canada.ca>; Tulen, Lisa (EC) <lisa.tulen@canada.ca>

Subject: NEEC Incident Notification: NL_2018/11/16_Searose FPSO_South White Rose Extension_Offshore_Oil slick

Hello,

Please note that the National Environmental Emergencies Centre (NEEC) was informed of the following incident: **Please see report below.**

Regards,

Mohamed Mbengue

Agent des opérations de notifications environnementales

Bureau de notifications environnementales, Centre National des Urgences Environnementales (CNUE)

Environnement et Changement climatique Canada / Gouvernement du Canada

mohamed.mbengue@canada.ca / ec.cnue-neec.ec@canada.ca

Urgences 24/7 : 1-866-283-2333

Environmental Notifications Operations Officer

Environmental Notifications Desk, National Environmental Emergencies Centre (NEEC)

Environment and Climate Change Canada / Government of Canada

mohamed.mbengue@canada.ca / ec.cnue-neec.ec@canada.ca

Emergencies 24/7 : 1-866-283-2333

De : MCTS Labrador / SCTM Labrador (DFO/MPO)

Envoyé : 16 novembre 2018 12:45

À : Allen, Karie ; Andrews, George M ; Birt, Trent ; canutec ; CCG ATL ROC / COR ATL GCC (DFO/MPO) ; CIS ISTOPdesk / SCG Bureau de SIPPS (EC) ; CNLOPB ; Couture, Chris ; Crann, Larry ; Doucet, John ; Dunderdale, Sara ; EC.F Emergencies On Call Duty [Atlantic] F.EC ; ERDutyOfficer / AgentsdeserviceaffectésàIE (DFO/MPO) ; Fukala, John P ; Gallagher, Quinn ; Gaudet, Julien D ; George, Terri Lynn ; Grant, Robert ; Guilbeault, Pierre ; Hayden, Gwen ; Hayden, Gwen ; Ivany, Gary ; Skopalik, Jan-Andrej (Ext.) ; Joly, Jean-Francois BNS, MBA ; jrcchalifax@sjarnet.dnd.ca) ; Laidlaw, Keith ; PNSAATL, NASPATL (Ext.) ; EARMATL / MARTATL (EC) ; MART Atlantic temporary ; MCTS Labrador / SCTM Labrador (DFO/MPO) ; Miller, Anne ; Mitchell, Mary ; MRSC St. Johns ; MSOC-East / COSM-East (DFO/MPO) ; NCC / CCN (DFO/MPO) ; CNUE / NEEC (EC) ; Peet, Neil ; Pelletier, Mario ; Pope, Renee ; Sitcen ; Spurrell, Wade ; tcmsdutyofficer (tcmsdutyofficer@tc.gc.ca) ; Vardy, Harvey ; Walker, Phillip ; Woodford, Jan

Cc : Safety.Placentia (Safety.Placentia@innav.gc.ca)

Objet : Marine Pollution # 180466 Type: oil slick, known source Location: SEAROSE FPSO, offshore NL

Labrador MCTS

709 896 2252

Marine Pollution Report

Report Date/Time UTC: Nov 16/1711 utc

Report #: 180466

Source of Report: Andy Cooper

Phone: 
Email: 

Remarks: Andy called from the SEAROSE FPSO

Address:

City: Offshore Prov: NL

Posn (Lat/Long – If applicable): 46 44.6410N 048 00.6477W

Type (oil/diesel/chemical): oil slick

Weather: wind Northwest 45 knots, seas 8.4 metres.

Details:

November 16/1711 utc, Andy Cooper called from Husky Energy on the SEAROSE FPSO. Around 1220 local time (1550 utc) today, standby vessel ATLANTIC HAWK was dispatched to South White Rose Extension, to investigate issues with pressurization on flow line. When HAWK got on site they identified an oil slick about 1 mile long. At the time, they had whole area isolated. Nothing visible on surface now, slick broke up with waves.

Ship Data

Ship Name: SEAROSE FPSO Callsign: VOXS Vsl Type: Merchant (tanker)
POB: LOA: 272.0 metres GRT: 93984
Port of Registry: St. John's NL Reg #:
Last port/Destination:
Owner/Agent:

Agencies Advised

Agency	TF (UTC)	Email
Environment Canada	1715 utc	EMAIL
Sr Response Officer	1716 utc	EMAIL
MCTS Placentia / VCP	1717 utc	EMAIL
JRCC		EMAIL
MRSC		EMAIL
DFO Communications		EMAIL
Marine Safety		EMAIL
TSB Dartmouth		EMAIL
ROC Duty Officer		EMAIL
Dept of Environment NL		
Dept of Environment NS		
Dept of Environment NB		
Dept of Environment PEI		

Halifax Port Authority			
Queen's Harbour Master			
Conservation & Protection			
CNLOPB			email
CNSOPB			
Other			

Regards,
Marine Pollution Reporting Desk
Labrador MCTS
709-896-2252

(cont.)

Date 10/15/18

TC In document if there are any restrictions

Tuesday - put on stand-by

Nov 16/18

Saturday

Nov 17/18

0927 - Stand by - Duty officer for Bruce.
(10 - 1630 hrs - 6.5 hrs.)

0954 - call from Doyard to prepare updated SIT Rep
for Sea Rose incident SIT Rep 1

- Husky has Activated Thru response Center
- Have Activated ECR.
- Yesterday's Surveillance flight observed approx 3m³ on surface of water.
- Spill Tractor Buoys have been deployed.
- 2nd Surveillance flight planned for Today - CCG and ECR will be on the flight.
- Spill Tractor has been run by ECR.
- * - Possible weather window between storms today to deploy ROV.

* CCG has not been activated as per now
but remains in close contact with C-Webb

11:18 - SIT Rep #1 sent to yard for review & approval

Date Nov 17/18

B 1811-0168

13:03pm - Roc received a report from CCGS Hays of
sheen coming from New Dock - River area -
2) They requested pictures be taken and will
forward along.

13:23 - sent example of Low Plan to Barry Hawkins.

13:40 - contacted Lab MCTS with pollution report from
Harbour.

13:47 - called John Parham - assessment in St. John's Har-
bour. John has plans with him and will conduct
assessment.

14:23 - called TC DO and advised we would be
sending a Tow Plan for review concerning the
PC Beauty BAE

14:42 - call received from Carl Boone - Planned Env
looking for update on reported incident in
St. John's Harbour.

14:49 called contact # on Incident Guide plan
chart - [redacted] Email address no
longer valid. called cell # and left message.

Page

(cont)

Date Nov 17/18

1538 - John Parks - - Shoop Dissipation
- Used collecting with rods was reasonable
- Comed down the river -
- Boone/Burn exiting New York locality
has let go.

1621 - called Carl Boone - Provincial Env. and
Infect. Inv. of Jeddys.

1623 - Sent email to Gary and Dave on
community with PC and Provincial Hub

1624 - Email from Bruce - phone has been transferred
back to Bruce

Sunday - ~~3rd Call~~ 3rd Call

Nov 18/18

0621 - Bruce transferred call to me

0900 emailed Gary - reviewing Sam plan

1020 - Gary responded that they are still working on
it and should have it this morning.

1310 - call from D. yard - He looking for 2nd rep.⁰⁰³
- requested me submit one from morning's search
Flight recovery on continuous supply with ~~the~~ Holy
Rescue Center and Env. office - Participating in all
of ~~the~~ the ~~the~~ the flights -

Page

(cont)

Date Nov 18/18

- on site mostly smoother than yesterday and more sea state
- EST. until 450 litres on surface. No Evidon of continuous release.
- Large box today 18 x 3 km and parts of that 3 x 3 km box cpg 120 litres. Coverage within large box was 15% - 95% A, 4% B and 1% D.

2nd flight scheduled at 1300 local time.

- Weather moves NW 25 kts diminishing to NE late overnight and to light Monday morning. Wind increasing to south 15 to 20 Monday evening.
- 4 sea state 5 to 7 with subsiding to 3 to 5 in to 2 to 3 Monday morning. Sea subsiding to 1 to 2 in Monday evening

Husky Equip. Assigned.

Surveillance Aircraft - Pul

Off Shore Supply vessels - #3

ROV - SKANDI Vinland

Wild life observer + Spill Surveillance - MAERSK Dispatcher

ATLANTIC HAWK - Safety Stand-by + regular surveillance Sweeps

Spill Contractor - ECRC

Regional Response Management Team (RRMT)

Other Associated Contractors.

- 1410 - sent SIT Rep #3 to yard for Review approval

Page

(cont)

Date Nov 18/18

1515 - call from 2-year engineering school loc contact
info for Evero - Stability Study for CCIS Corporal MacLaren
McLaren

4 sent email @ 1530 to Keith and Dave cc'd to Crown.
1600 - sent Barry an email concerning Saw Plan. he has not heard anything yet.
1634 - email from yard - he never got Sit Rep #3 sent,
requested me combine results from PM flights and
first issue one Sit Rep for the day.
↳ haven't heard from Bruce yet so cannot
update.

1651 - update from L-Crown concerning statement that
will be released by C-NLOB on incident.

1745 - call from Bruce on his way back from P1
↳ E will update SIT Rep.

1800 - forward updated sit rep and sent to yard for
review and approval

1810 - call from yard for SIT Rep #3 - Told him already
sent to him.

Page

Date Nov 19 1978

1325- call placed to TC Mike Balaban and TC Betty Affen
to review Tax Plan for TC Beverly Gair.

1-hr Nov 20/18
- 1600 - 1700 - Japan ~~at~~ rep for results of today's
flight (PM) - In Rose FPSO.

Non-ADIP

0935 - called TC - Mihai Balaban to confirm they had received the revised New Plan for the PC Beverly Co. & Mihai confirmed and said response would come from the People or James Kennedy - he had been talking to the

11/15 - email from Chris Coogan - they classify ~~the~~ the
 NANTON ^{residual} ~~for~~ as a work boat and not a tug
 pursuant ^{to} 25 Ball's TT or Gordon).

Nov 23/18

→ 0930 - called Hankin for update. Expecting new plan for FS Ball 11 expected around lunchtime. Still waiting on quote from

LeBlanc, Brian (Acting AC, Atlantic Region)

From: LeBlanc, Brian (Executive Director, CCGC)
Sent: November 18, 2018 5:51 PM
To: Spurrell, Wade
Subject: Fwd: Update from Husky re Spill
Attachments: Draft CNLOPB Statement re Husky Oil Spill November 18.docx

FYI

Brian

----- Original message -----

From: "Vardy, Harvey" <Harvey.Vardy@dfo-mpo.gc.ca>
Date: 2018-11-18 5:44 PM (GMT-03:30)
To: "LeBlanc, Brian (Executive Director, CCGC)" <Brian.LebLANC@dfo-mpo.gc.ca>
Cc: "Miller, Anne" <Anne.Miller@dfo-mpo.gc.ca>
Subject: Fw: Update from Husky re Spill

Good evening Brian

The second over flight of the Sea Rose FPSO is now complete. Below you will find a chain of emails that I received from David which gives a great deal of information. Bruce is updating the NINP and will include the pertinent information.

Harv

Sent from my BlackBerry 10 smartphone on the Bell network.

Original Message

From: Yard, David C <David.Yard@dfo-mpo.gc.ca>
Sent: Sunday, November 18, 2018 4:24 PM
To: Vardy, Harvey
Subject: Fw: Update from Husky re Spill

Fyi

Updated sitrep to follow shortly with today's details

Sent from my BlackBerry 10 smartphone on the Bell network.

Original Message

From: Crann, Larry <Larry.Crann@dfo-mpo.gc.ca>
Sent: Sunday, November 18, 2018 16:50
Cc: Yard, David C; Grant, Robert; English, Ambrose C
Subject: Fw: Update from Husky re Spill

FYI.

Larry

Sent from my BlackBerry 10 smartphone on the Bell network.

Original Message

From: Okeefe, Jeff <JOkeefe@cnlopb.ca>

Sent: Sunday, November 18, 2018 15:50

To: Burley, Dave; Young, Elizabeth; Thomas, Graham (EC); Crann, Larry

Subject: Fwd: RE: Update from Husky re Spill

Larry/ Graham

This update will be going out in a few hours from our executive

It is draft but you get the sense

Dave and Elizabeth are still in the office if Bruce wants to call or he can send an email update to us once he is ready

Thanks

Jeff

----- Forwarded message -----

From: Tessier, Scott <STessier@cnlopb.ca>

Date: November 18, 2018 at 2:17:08 PM NST

Subject: RE: Update from Husky re Spill

To: Nakeshia Atkey <nakeshia.atkey@canada.ca>, Eric Burpee <eric.burpee@canada.ca>, Lauren Knowles <lauren.knowles@canada.ca>, Micheline Joannis <micheline.joannis@canada.ca>, Arcand, Ingrid <ingrid.arcand@nrcan-rncan.gc.ca>, Vanessa Cook <vanessa.cook@nrcan-rncan.gc.ca>, Gordon McIntosh <gordonmcintosh@gov.nl.ca>, Jean-Clement Chenier <jean-clement.chenier@canada.ca>, Annette Tobin <annette.tobin@canada.ca>, Krista Dalton <kristadaltongov.nl.ca>, Tim Gardiner <timothy.gardiner@canada.ca>, OffShoreIncidents@nrcan-rncan.gc.ca <offshoreincidents@nrcan-rncan.gc.ca>, Chris Carter <chrisccarter@gov.nl.ca>, Graeme Andrews <graeme.andrews2@canada.ca>, Diana Quinton <dianaquinton@gov.nl.ca>, Melony O'Neill <melonyoneill@gov.nl.ca>, Winsor, Bonnie <BWinsor@cnlopb.ca>, Aruna Rajulu <aruna.rajulu@canada.ca>, Kevin Machida <kevin.machida@canada.ca>, Loyola Power <loyolapower@gov.nl.ca>

Cc: Okeefe, Jeff <JOkeefe@cnlopb.ca>, Murphy, Tim <TMurphy@cnlopb.ca>, Rideout, Lesley <LRideout@cnlopb.ca>

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Thanks,
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Update as of 16:10 NL time:

s.16(2)

s.19(1)

s.21(1)(b)

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Thanks,
Scott

On November 17, 2018 at 12:50:35 PM NST, Scott Tessier <STessier@cnlopb.ca> wrote:
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other, minor updates based on briefing from our Chief Conservation Officer at 12:15 NL time:

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Thanks,
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C. [REDACTED]

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I've included a statement below that I will be providing NTV (local media) later on this afternoon and some updated key messages.

As for the spill, there is no indication on the water that there is a continuous leak, but there is no way to tell until an ROV is placed in the water. Sea states are still too high to deploy.

There is a possibility that a leak is occurring - there is a total of 1000 cubic meters of oil in the flowlines but their estimates are 250 m3.

I will send another update as soon as I have more information. Another PAL flight will be going out this afternoon.

Statement:

We continue to monitor Husky's response to the spill. We are in constant contact with Husky and are working with the relevant government agencies regarding the status of conditions offshore. All workers are safe, and all production activities at the SeaRose FPSO will remain suspended. The safety of workers and the protection of the environment remain our top priorities.

Key Messages:

The C-NLOPB continues to monitor Husky's response to the spill and are in continuous contact with Husky.

Production at the SeaRose FPSO remains suspended.

Workers are safe.

The Maersk Dispatcher is en route with the primary duty of monitoring wildlife.

We are working with the National Environmental Emergencies Centre of Environment and Climate Change Canada and the Canadian Coast Guard.

There is a scheduled PAL follow up flight for today.

The safety of workers and environmental protection continue to be our priorities.

Thanks,
Lesley
709-725-2900

-----Original Message-----

From: Rideout, Lesley

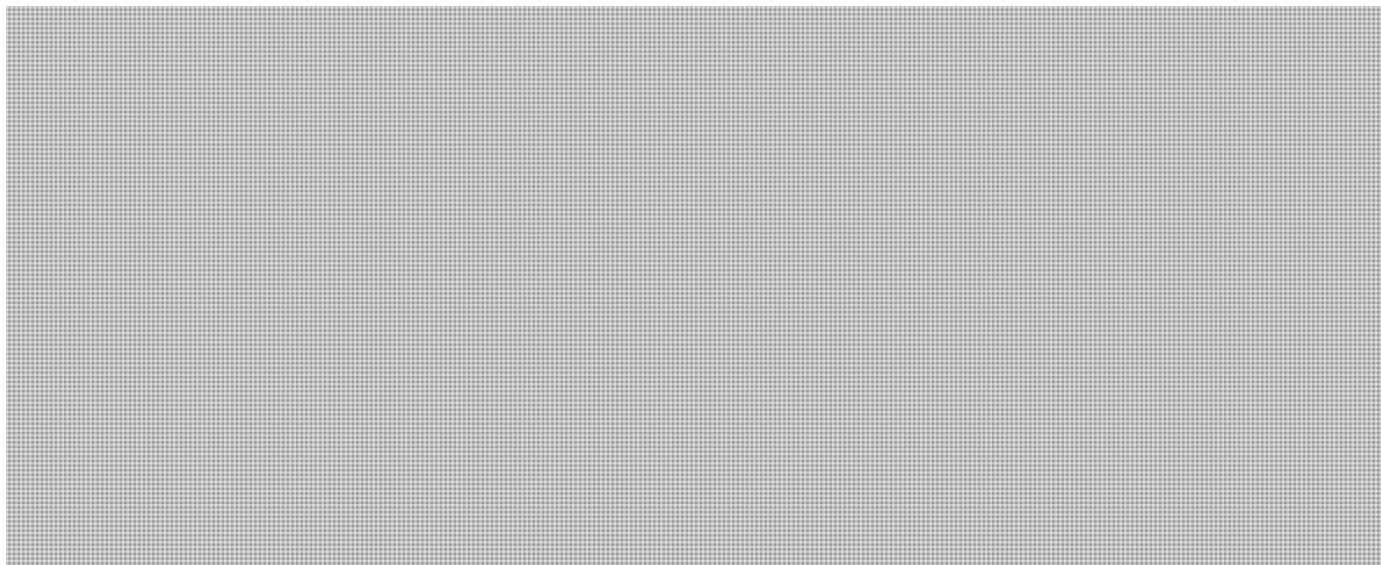
Sent: Saturday, November 17, 2018 10:56 AM

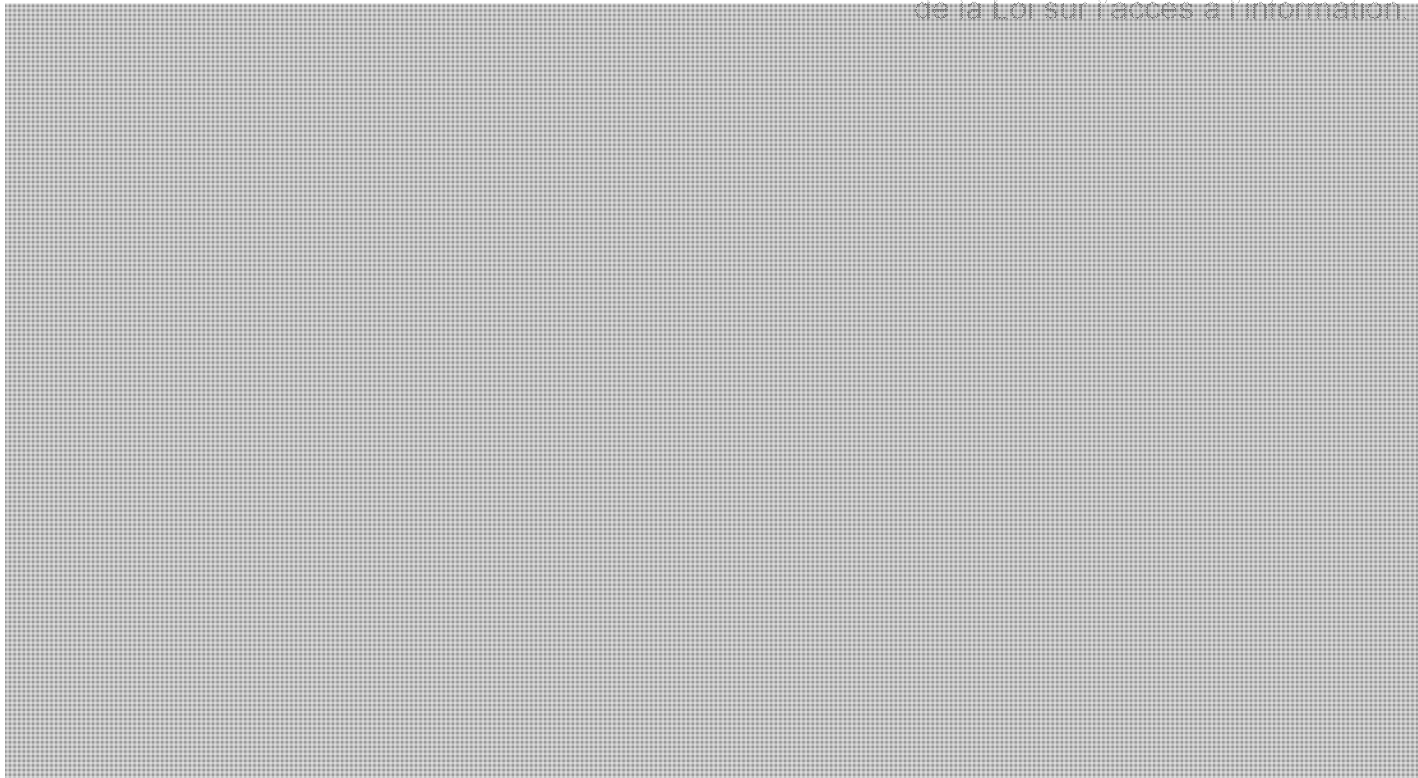
To: Rideout, Lesley; Annette Tobin; Arcand, Ingrid ; Aruna Rajulu ; Chris Carter ; Diana Quinton ; Eric Burpee; Gordon McIntosh; Graeme Andrews ; Jean-Clement Chenier ; Kevin Machida ; Krista Dalton ; Lauren Knowles; Loyola Power ; Melony O'Neill ; Micheline Joannis ; Murphy, Tim; Nakeshia Atkey ; OffShoreIncidents@nrcan-rncan.gc.ca; Tim Gardiner ; Vanessa Cook ; Winsor, Bonnie

Subject: Update from Husky re Spill

The Board's updated key messages will follow.

Update from Husky Energy:





-----Original Message-----

From: Rideout, Lesley

Sent: Friday, November 16, 2018 6:24 PM

To: Annette Tobin; Arcand, Ingrid ; Aruna Rajulu ; Chris Carter ; Diana Quinton ; Eric Burpee; Gordon McIntosh; Graeme Andrews ; Jean-Clement Chenier ; Kevin Machida ; Krista Dalton ; Lauren Knowles; Loyola Power ; Melony O'Neill ; Micheline Joannis ; Murphy, Tim; Nakeshia Atkey ; OffShoreIncidents@nrcan-rncan.gc.ca; Rideout, Lesley; Tim Gardiner ; Vanessa Cook ; Winsor, Bonnie

Subject: C-NLOPB Incident Bulletin

Importance: High

Good evening,

Please find the Board's Incident Bulletin attached, which will be posted to our website shortly in response to the Husky Energy spill from today.

I will send some messaging around shortly. We are monitoring the situation and are currently waiting on images from the PAL flight. We will not be providing the public with further details into the incident outside of what's in the bulletin at this time.

I will continue to send updates as we have them, but please contact me with any questions you may have.

Thank you,

Lesley

Lesley Rideout

Communications Lead

t. 709 778 4224

c. 709 725 2900

twitter @CNLOPB

www.cnlopb.ca <<http://www.cnlopb.ca/>>

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Crann, Larry

From: Thomas, Graham (EC) <graham.thomas@canada.ca>
Sent: November-18-18 3:57 PM
To: Okeefe, Jeff; Burley, Dave; Young, Elizabeth; Crann, Larry
Subject: RE: RE: Update from Husky re Spill

Thanks for the update Jeff. As soon as the tar code information and any location data is available for both flights today, can it be sent to me and the ESTS so it can be incorporated into the next trajectory model?

Graham Thomas

Senior Officer, Preparedness and Response - Atlantic National Environmental Emergencies Centre (NEEC) - Mount Pearl
Office Environmental Protection Operations Directorate Environment and Climate Change Canada / Government of
Canada graham.thomas@canada.ca / Tel: 709-772-4285 / Cell : [REDACTED] / Emergencies 24/7 : 1-866-283-2333

Agent principal, Préparation et intervention - Atlantique Centre national des urgences environnementales (CNUE) -
Bureau de Mount Pearl Direction des activités de protection de l'environnement Environnement et Changement
climatique Canada / Gouvernement du Canada graham.thomas@canada.ca / Tél. : 709-772-4285 / Cell : [REDACTED]
Urgences 24/7 : 1-866-283-2333

-----Original Message-----

From: Okeefe, Jeff [mailto:JOkeefe@cnlopb.ca]
Sent: November 18, 2018 3:50 PM
To: Burley, Dave; Young, Elizabeth; Thomas, Graham (EC); Larry Crann
Subject: Fwd: RE: Update from Husky re Spill

Larry/ Graham

This update will be going out in a few hours from our executive It is draft but you get the sense

[REDACTED]
Dave and Elizabeth are still in the office if Bruce wants to call or he can send an email update to us once he is ready

[REDACTED]
Thanks

Jeff

----- Forwarded message -----

From: Tessier, Scott <STessier@cnlopb.ca>
Date: November 18, 2018 at 2:17:08 PM NST
Subject: RE: Update from Husky re Spill
To: Nakeshia Atkey <nakeshia.atkey@canada.ca>, Eric Burpee <eric.burpee@canada.ca>, Lauren Knowles
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s.16(2)
s.19(1)
s.21(1)(b)

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Lesley
709=725-2900

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From: Rideout, Lesley

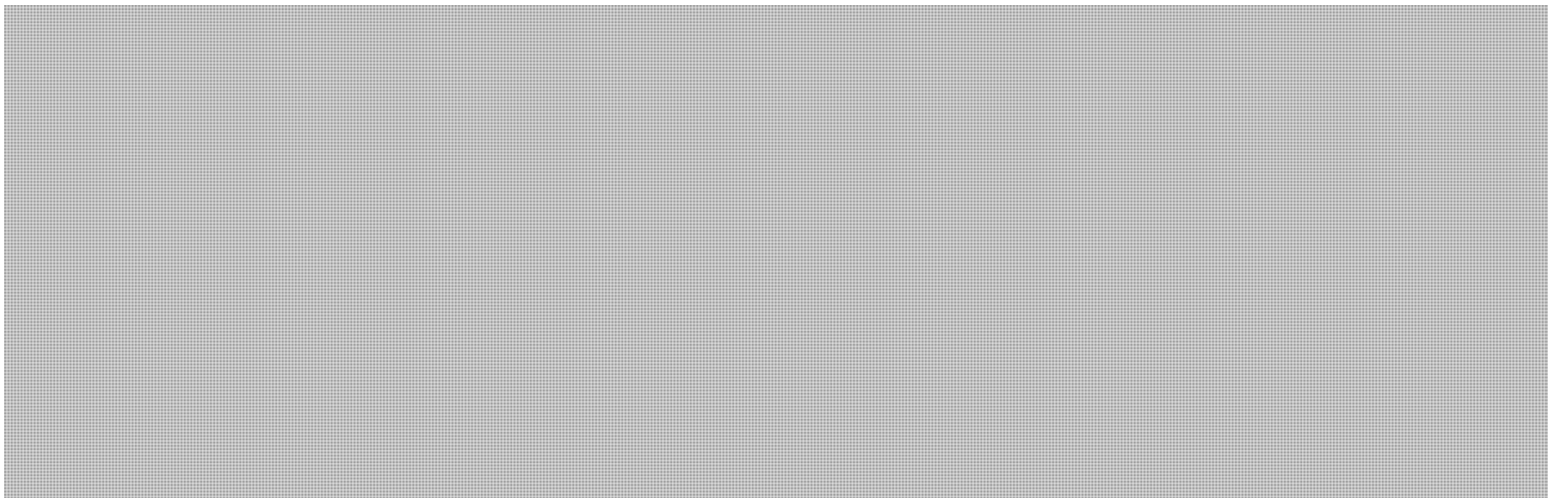
Sent: Saturday, November 17, 2018 10:56 AM

To: Rideout, Lesley; Annette Tobin; Arcand, Ingrid ; Aruna Rajulu ; Chris Carter ; Diana Quinton ; Eric Burpee; Gordon McIntosh; Graeme Andrews ; Jean-Clement Chenier ; Kevin Machida ; Krista Dalton ; Lauren Knowles; Loyola Power ; Melony O'Neill ; Micheline Joannis ; Murphy, Tim; Nakeshia Atkey ; OffShoreIncidents@nrcan-rncan.gc.ca; Tim Gardiner ; Vanessa Cook ; Winsor, Bonnie

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Sent: Friday, November 16, 2018 6:24 PM

To: Annette Tobin; Arcand, Ingrid ; Aruna Rajulu ; Chris Carter ; Diana Quinton ; Eric Burpee; Gordon McIntosh; Graeme Andrews ; Jean-Clement Chenier ; Kevin Machida ; Krista Dalton ; Lauren Knowles; Loyola Power ; Melony O'Neill ; Micheline Joannis ; Murphy, Tim; Nakeshia Atkey ; OffShoreIncidents@nrcan-rncan.gc.ca; Rideout, Lesley; Tim Gardiner ; Vanessa Cook ; Winsor, Bonnie

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Thank you,

Lesley

Lesley Rideout

Communications Lead

t. 709 778 4224

c. 709 725 2900

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Crann, Larry

From: Crann, Larry
Sent: November-18-18 5:24 PM
To: Yard, David C
Subject: Re: Update from Husky re Spill

NP.

Larry

Sent from my BlackBerry 10 smartphone on the Bell network.

Original Message

From: Yard, David C
Sent: Sunday, November 18, 2018 17:05
To: Crann, Larry
Subject: Re: Update from Husky re Spill

Thanks can you send me a copy of the final that goes out and I will send up.

Sent from my BlackBerry 10 smartphone on the Bell network.

Original Message

From: Crann, Larry
Sent: Sunday, November 18, 2018 16:50
Cc: Yard, David C; Grant, Robert; English, Ambrose C
Subject: Fw: Update from Husky re Spill

FYI.

Larry

Sent from my BlackBerry 10 smartphone on the Bell network.

Original Message

From: Okeefe, Jeff <JOkeefe@cnlopbc.ca>
Sent: Sunday, November 18, 2018 15:50
To: Burley, Dave; Young, Elizabeth; Thomas, Graham (EC); Crann, Larry
Subject: Fwd: RE: Update from Husky re Spill

Larry/ Graham

This update will be going out in a few hours from our executive It is draft but you get the sense

[REDACTED]
Dave and Elizabeth are still in the office if Bruce wants to call or he can send an email update to us once he is ready

[REDACTED]
Thanks

Jeff

----- Forwarded message -----

From: Tessier, Scott <STessier@cnlopb.ca>
 Date: November 18, 2018 at 2:17:08 PM NST
 Subject: RE: Update from Husky re Spill
 To: Nakeshia Atkey <nakeshia.atkey@canada.ca>, Eric Burpee <eric.burpee@canada.ca>, Lauren Knowles <lauren.knowles@canada.ca>, Micheline Joannis <micheline.joannis@canada.ca>, Arcand, Ingrid <ingrid.arcand@nrcan-rncan.gc.ca>, Vanessa Cook <vanessa.cook@nrcan-rncan.gc.ca>, Gordon McIntosh <gordonmcintosh@gov.nl.ca>, Jean-Clement Chenier <jean-clement.chenier@canada.ca>, Annette Tobin <annette.tobin@canada.ca>, Krista Dalton <kristadaltont@gov.nl.ca>, Tim Gardiner <timothy.gardiner@canada.ca>, OffShoreIncidents@nrcan-rncan.gc.ca <offshoreincidents@nrcan-rncan.gc.ca>, Chris Carter <chrisccarter@gov.nl.ca>, Graeme Andrews <graeme.andrews2@canada.ca>, Diana Quinton <dianaquinton@gov.nl.ca>, Melony O'Neill <melonyoneill@gov.nl.ca>, Winsor, Bonnie <BWinsor@cnlopb.ca>, Aruna Rajulu <aruna.rajulu@canada.ca>, Kevin Machida <kevin.machida@canada.ca>, Loyola Power <loyolapower@gov.nl.ca>
 Cc: Okeefe, Jeff <JOkeefe@cnlopb.ca>, Murphy, Tim <TMurphy@cnlopb.ca>, Rideout, Lesley <LRideout@cnlopb.ca>

Update as of 14:00 NL time:

Our draft statement is attached. It needs formatting but if you have any serious concerns or questions about it, please contact Tim Murphy (copied) asap. We plan to issue it in the next couple of hours.

Jeff O'Keefe and I were briefed on this morning's flight by Bruce English of the CCG:

- Still rough out there, with winds and whitecaps, but visibility was good. I'm doubtful an ROV will be able to be deployed today.
- Bruce estimates there's 450L (0.450 m3) on the surface over an area about 18km x 3km, with a smaller concentration about 3km x 3km in the middle.
- No reason at this point to believe there's fresh oil or anything else has come up since the initial event on Friday.
- At this point, we're wondering about Husky's initial 250m3 estimate but until the ROV can get down, we won't have anything to say about the quality. There is a chance it's actually much less, and not much chance it's more. Won't know though until they can see what's still in the flowline.
- Only a handful of gulls spotted during the flight, no known wildlife affected.
- Another flight is in the air now, with the same personnel.
- CWS and DFO requested a discussion with Husky to get details on their wildlife monitoring plans. That's happening now to my knowledge.

Thanks,
 Scott

From: Tessier, Scott

Sent: Sunday, November 18, 2018 12:29 PM

To: Nakeshia Atkey <nakeshia.atkey@canada.ca>; Eric Burpee <eric.burpee@canada.ca>; Lauren Knowles <lauren.knowles@canada.ca>; Rideout, Lesley <LRideout@cnlopb.ca>; Micheline Joannis <micheline.joannis@canada.ca>; Arcand, Ingrid <ingrid.arcand@nrcan-rncan.gc.ca>; Vanessa Cook <vanessa.cook@nrcan-rncan.gc.ca>; Gordon McIntosh <gordonmcintosh@gov.nl.ca>; Jean-Clement Chenier <jean-clement.chenier@canada.ca>; Annette Tobin <annette.tobin@canada.ca>; Krista Dalton <kristadalton@gov.nl.ca>; Tim Gardiner <timothy.gardiner@canada.ca>; OffShoreIncidents@nrcan-rncan.gc.ca; Chris Carter <chrisarter@gov.nl.ca>; Graeme Andrews <graeme.andrews2@canada.ca>; Diana Quinton <dianaquinton@gov.nl.ca>; Melony O'Neill <melonyoneill@gov.nl.ca>; Winsor, Bonnie <BWinsor@cnlopb.ca>; Aruna Rajulu <aruna.rajulu@canada.ca>; Murphy, Tim <TMurphy@cnlopb.ca>; Kevin Machida <kevin.machida@canada.ca>; Loyola Power <loyolapower@gov.nl.ca>
Cc: Okeefe, Jeff <JOkeefe@cnlopb.ca>
Subject: RE: Update from Husky re Spill

Good morning/afternoon,

Not too much news to report so far today, an update produced by Husky this morning is attached fyi.

We'll review the 7AM flight results soon, after which we'll complete and issue an update to the public, which you'll see first. I would hope we can get that out late afternoon-ish.

We've still only had a couple of media inquiries.

Our Chief Conservation Officer and I met with senior representatives from ExxonMobil this morning about resuming production at Hebron. They're initiating that process and essentially nothing will be done subsea without an ROV being deployed first. Suncor and Hibernia have some additional steps before they'll be in a position to resume. Our Safety and Operations staff along with the Chief Conservation Officer are in touch with the other operators.

We're having an internal huddle at 1pm NL time to compare notes and next steps.

Thanks,
Scott

From: Tessier, Scott

Sent: Saturday, November 17, 2018 4:40 PM

To: Nakeshia Atkey <nakeshia.atkey@canada.ca>; Eric Burpee <eric.burpee@canada.ca>; Lauren Knowles <lauren.knowles@canada.ca>; Rideout, Lesley <LRideout@cnlopb.ca>; Micheline Joannis <micheline.joannis@canada.ca>; Arcand, Ingrid <ingrid.arcand@nrcan-rncan.gc.ca>; Vanessa Cook <vanessa.cook@nrcan-rncan.gc.ca>; Gordon McIntosh <gordonmcintosh@gov.nl.ca>; Jean-Clement Chenier <jean-clement.chenier@canada.ca>; Annette Tobin <annette.tobin@canada.ca>; Krista Dalton <kristadalton@gov.nl.ca>; Tim Gardiner <timothy.gardiner@canada.ca>; OffShoreIncidents@nrcan-rncan.gc.ca; Chris Carter <chrisarter@gov.nl.ca>; Graeme Andrews <graeme.andrews2@canada.ca>; Diana Quinton <dianaquinton@gov.nl.ca>; Melony O'Neill <melonyoneill@gov.nl.ca>; Winsor, Bonnie <BWinsor@cnlopb.ca>; Aruna Rajulu <aruna.rajulu@canada.ca>; Murphy, Tim <TMurphy@cnlopb.ca>; Kevin Machida <kevin.machida@canada.ca>; Loyola Power <loyolapower@gov.nl.ca>
Cc: Okeefe, Jeff <JOkeefe@cnlopb.ca>
Subject: RE: Update from Husky re Spill

Hi all,

Update as of 16:10 NL time:

- overflight is back, power issues at PAL preclude video review by our team until tonight or tomorrow. This is based on observations from Bruce Thistle of CCG, who's experienced and was on board
- no sheen at site, but sheen 2km south measuring 21km x 8km, 35% long streaks of trace oil, 95% tar code "A" with the remainder "B" -- those are the lightest of 5 or 6 categories
- that computes to a rough estimate of 2445L (2.445m3). Not sure anything can be concluded about how this relates to the 250m3 but does seem reasonable to conclude this was a batch spill based on that -- gear still can't be deployed; still windy offshore and sea states 5-8
- two flights planned tomorrow, 7am and 1pm
- some gulls spotted, no flocks of birds

Couple of other updates:

- we've only had a couple of media calls. Our Lesley Rideout did a phone hit with NTV (local) that was straight up, not sure when it'll air as they don't have a news broadcast Saturday
- Husky seems to have been accessible and open with media
- I've spoken with [REDACTED] Suncor, emphasizing obvious importance of being highly cautious in them restarting. He understands. Our Safety and Operations folks are satisfied with measures taken by Suncor so far [REDACTED]

Probably not too much else to report tonight. Will let you know otherwise.

Thanks,
Scott
[REDACTED]

s.16(2)
s.19(1)
s.21(1)(b)

On November 17, 2018 at 12:50:35 PM NST, Scott Tessier <STessier@cnlopb.ca> wrote:
Thanks Lesley. Good afternoon all. Few
other, minor updates based on briefing from our Chief Conservation Officer at 12:15 NL time:

- PAL flight got in the air as off 11AM NL time, with CCG and wildlife observer on board
- we've requested more details of Husky's wildlife observation and spill modelling plans. They've been cooperative
- the vessel Maersk Dispatcher is also bringing wildlife observers offshore
- Atlantic Hawk is on site, no observations of sheen or wildlife today
- satellite observations not great resolution
- excellent support from CCG and NEEC
- we will initiate formal C-NLOPB Investigation, determining who will form team

I've also just seen email that Suncor is now contemplating resuming production from the Terra Nova. To be confirmed but they won't do that without clearing it with us.

Thanks,
Scott
C. [REDACTED]

On November 17, 2018 at 12:09:43 PM NST, Rideout, Lesley <LRideout@cnlopb.ca> wrote:
Good afternoon,

I've included a statement below that I will be providing NTV (local media) later on this afternoon and some updated key messages.

As for the spill, there is no indication on the water that there is a continuous leak, but there is no way to tell until an ROV is placed in the water. Sea states are still too high to deploy.

There is a possibility that a leak is occurring - there is a total of 1000 cubic meters of oil in the flowlines but their estimates are 250 m3.

I will send another update as soon as I have more information. Another PAL flight will be going out this afternoon.

Statement:

We continue to monitor Husky's response to the spill. We are in constant contact with Husky and are working with the relevant government agencies regarding the status of conditions offshore. All workers are safe, and all production activities at the SeaRose FPSO will remain suspended. The safety of workers and the protection of the environment remain our top priorities.

Key Messages:

The C-NLOPB continues to monitor Husky's response to the spill and are in continuous contact with Husky.

Production at the SeaRose FPSO remains suspended.

Workers are safe.

The Maersk Dispatcher is en route with the primary duty of monitoring wildlife.

We are working with the National Environmental Emergencies Centre of Environment and Climate Change Canada and the Canadian Coast Guard.

There is a scheduled PAL follow up flight for today.

The safety of workers and environmental protection continue to be our priorities.

Thanks,
Lesley
709=725-2900

-----Original Message-----

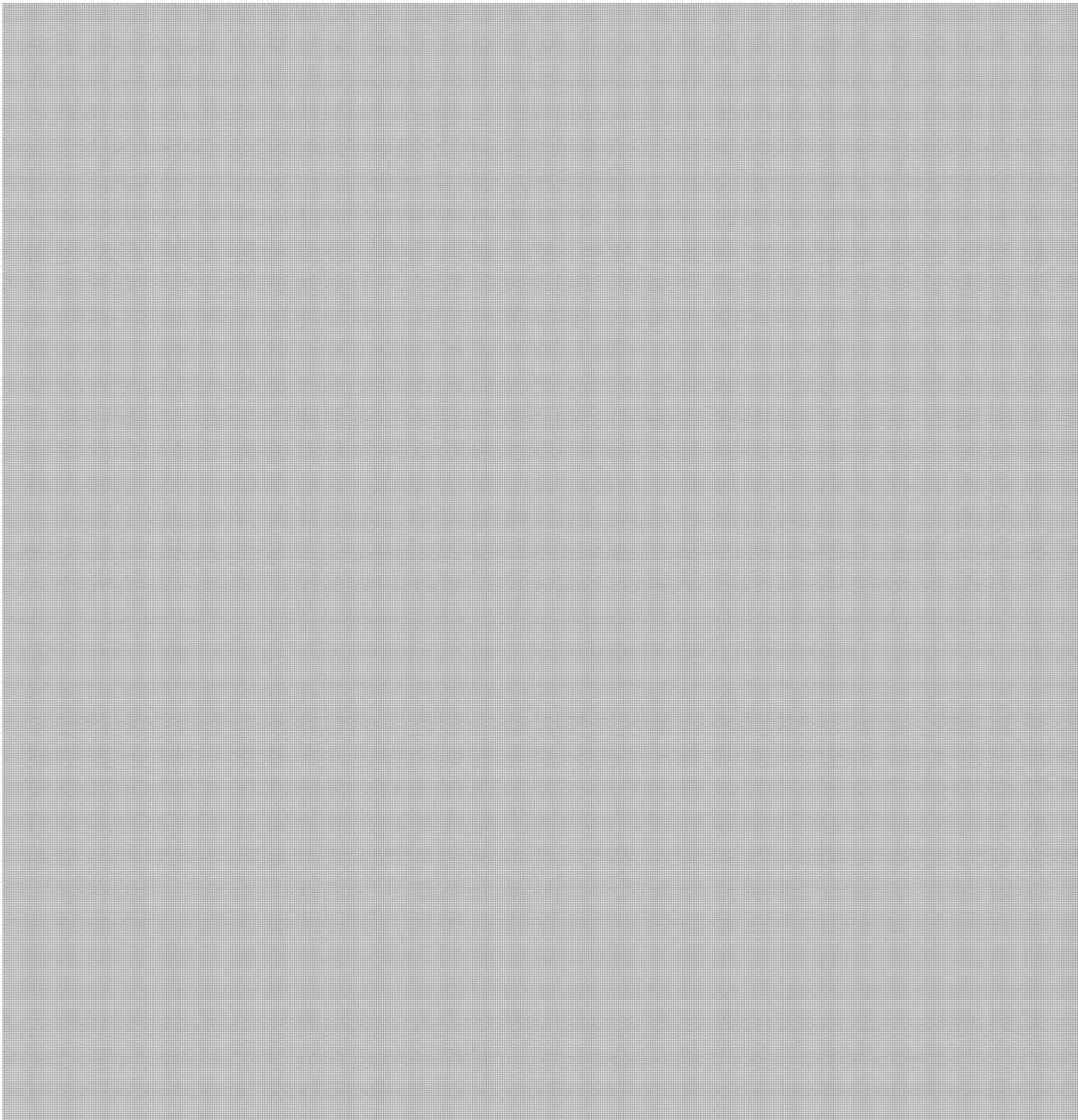
From: Rideout, Lesley

Sent: Saturday, November 17, 2018 10:56 AM

To: Rideout, Lesley; Annette Tobin; Arcand, Ingrid ; Aruna Rajulu ; Chris Carter ; Diana Quinton ; Eric Burpee; Gordon McIntosh; Graeme Andrews ; Jean-Clement Chenier ; Kevin Machida ; Krista Dalton ; Lauren Knowles; Loyola Power ; Melony O'Neill ; Micheline Joannis ; Murphy, Tim; Nakeshia Atkey ; OffShoreIncidents@nrcan-rncan.gc.ca; Tim Gardiner ; Vanessa Cook ; Winsor, Bonnie
Subject: Update from Husky re Spill

The Board's updated key messages will follow.

Update from Husky Energy:



-----Original Message-----

From: Rideout, Lesley

Sent: Friday, November 16, 2018 6:24 PM

To: Annette Tobin; Arcand, Ingrid ; Aruna Rajulu ; Chris Carter ; Diana Quinton ; Eric Burpee; Gordon McIntosh; Graeme Andrews ; Jean-Clement Chenier ; Kevin Machida ; Krista Dalton ; Lauren Knowles; Loyola Power ; Melony O'Neill ;

Micheline Joannis ; Murphy, Tim; Nakeshia Atkey ; OffShoreIncidents@nrcan-rncan.gc.ca; Rideout, Lesley; Tim Gardiner
; Vanessa Cook ; Winsor, Bonnie
Subject: C-NLOPB Incident Bulletin
Importance: High

Good evening,

Please find the Board's Incident Bulletin attached, which will be posted to our website shortly in response to the Husky
Energy spill from today.

I will send some messaging around shortly. We are monitoring the situation and are currently waiting on images from
the PAL flight. We will not be providing the public with further details into the incident outside of what's in the bulletin
at this time.

I will continue to send updates as we have them, but please contact me with any questions you may have.

Thank you,

Lesley

Lesley Rideout

Communications Lead

t. 709 778 4224

c. 709 725 2900

twitter @CNLOPB

www.cnlopb.ca <<http://www.cnlopb.ca/>>

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Annibalini, Sara

From: Hutchinson, Jeffery
Sent: Sunday, November 18, 2018 9:49 AM
To: Sloan, Glen
Cc: Mackenzie, Joey; Spurrell, Wade; Lebel, Mathieu; Smith, Fiona; Hubley, Marian; Trudeau, Miriam; Stanek, Frank; Sanderson, Marc; Nghiem, Kathy
Subject: RE: For approval: Lines on Sea Rose Spill

Thanks Glen and good morning to you too

I'm fine with the lines but am mulling over a couple of additions:

- Specifying that Coast Guard is not the lead agency (perhaps this should be in a section called "Responsive lines")
- Also in a responsive section we might politely decline to give volumes and refer the media to the Board or to Husky Oil for that information
- And while I'm at it, a third responsive line could be that we have people and gear standing by to assist should it be requested.

Thoughts?

From: Sloan, Glen
Sent: Sunday, November 18, 2018 09:29
To: Hutchinson, Jeffery <Jeffery.Hutchinson@dfo-mpo.gc.ca>
Cc: Mackenzie, Joey <Joey.Mackenzie@dfo-mpo.gc.ca>; Spurrell, Wade <Wade.Spurrell@DFO-MPO.GC.CA>; Lebel, Mathieu <Mathieu.Lebel@dfo-mpo.gc.ca>; Smith, Fiona <Fiona.Smith@dfo-mpo.gc.ca>; Hubley, Marian <Marian.Hubley@dfo-mpo.gc.ca>; Trudeau, Miriam <Miriam.Trudeau@dfo-mpo.gc.ca>; Stanek, Frank <Frank.Stanek@dfo-mpo.gc.ca>
Subject: For approval: Lines on Sea Rose Spill

Good morning Commissioner,

Below are anticipatory media lines RE: the Sea Rose incident, for your approval.

Wade and A/AC have approved.

Thank you,
Glen

Issue:

At 15:30 on Friday November 16, the SeaRose oil production platform (FPSO) reported losing approximately 250 cubic metres of crude as they resumed operations after inclement weather in Newfoundland. A surveillance flight late Friday afternoon observed 3 cubic meters of crude on the surface over 168 sq kilometers. Husky Energy has stood up their response center and the Eastern Canada Response Corporation has been activated. They are conducting an assessment and developing a response plan. Coast Guard remains

in contact with the Canada-Newfoundland and Labrador Offshore Petroleum Board and Environment and Climate Change Canada, and participated in a surveillance flight that took place Saturday, November 17 at 11:00am. There is another flight planned for Sunday, November 18.

Approach:

To date there have been no media inquiries for the CCG. We will continue to monitor and provide reactive responses.

Media Lines:

- The Canadian Coast Guard received a report at 15:30 on November 16 that the SeaRose FPSO, a floating oil production, storage and offloading vessel owned and operated by Husky Oil Operations Ltd., had lost approximately 250 cubic metres of crude in the White Rose Oil Field 350 kilometres off the coast of Newfoundland.
- The Canadian Coast Guard is in contact with the Canada-Newfoundland and Labrador Offshore Petroleum Board and Environment and Climate Change Canada as Husky conducts an assessment and implements its response plan.
- The Canadian Coast Guard participated in a surveillance flight on Saturday morning along with Eastern Canada Response Corporation representatives to assess the situation.
- We will continue to monitor the incident and will stay in close contact with the Canada-Newfoundland and Labrador Offshore Petroleum Board as the assessment and response plan progresses.

Matheson, Kyle

From: Matheson, Kyle
Sent: November-18-18 8:46 PM
To: Lee, Ken; King, Thomas L; Robinson, Brian
Cc: Doane, Rod; Niven, Sherry
Subject: RE: Incident SITREP 002, ER, FPSO Sea Rose - 250 Cubic Meters Crude Oil Spill

Thanks Ken. Another surveillance flight conducted this morning observed only 450 L on the surface (mostly light sheening over a large area), compared to ~2500 L yesterday. No new oil was detected during a second flight in the afternoon that focused on areas not previously checked for oil, which further follows your point that much seems to have dispersed and also that there doesn't seem to be a continuous leak.

Cheers, Kyle

From: Lee, Ken
Sent: Sunday, November 18, 2018 7:59 PM
To: Matheson, Kyle; King, Thomas L; Robinson, Brian
Cc: Doane, Rod; Niven, Sherry
Subject: RE: Incident SITREP 002, ER, FPSO Sea Rose - 250 Cubic Meters Crude Oil Spill

Kyle:

Thanks for the heads-up. With the current sea state conditions, I would think that much of it would disperse....and unless it is heading to shore – they will spend most of their effort just tracking it.

Ken

From: Matheson, Kyle
Sent: November-17-18 5:35 PM
To: King, Thomas L; Robinson, Brian; Lee, Ken
Cc: Doane, Rod; Niven, Sherry
Subject: Fw: Incident SITREP 002, ER, FPSO Sea Rose - 250 Cubic Meters Crude Oil Spill

Hi Tom, Brian, and Ken,

I wanted to bring you into the loop in case there are any further requests or the situation becomes worse. You may have seen in the news already, but there was a spill of White Rose crude (~250 t) from the subsea lines of the SEAROSE FPSO as it prepared for production after halting during this week's storm (~300 km offshore NL).

A surveillance flight was conducted today and observed areas of sheening over 168 km², which was estimated to equal ~2400 L currently at the surface. Weather has prevented any containment or clean up as of yet. We have recently had swells up to 10 m, which subsided slightly, and are only expected to get up to that level again tonight. I can only assume a large amount of what was spilled will disperse naturally?

Of note, the 250 t was identified as a worst case scenario until a further assessment can take place, but would stand as the largest crude spill from an offshore production in Canadian history.

Cheers, Kyle

Sent from my BlackBerry 10 smartphone on the Bell network.

From: MSOC-East / COSM-Est (DFO/MPO) <MSOC-East.XNAT@dfo-mpo.gc.ca>
Sent: Saturday, November 17, 2018 5:24 PM
To: DFO.F CCG Nat Incidents / Incidents Nat GCC F.MPO
Subject: Incident SITREP 002, ER, FPSO Sea Rose - 250 Cubic Meters Crude Oil Spill

1. CCG Region/Incident Name: Sea Rose FPSO release estimated at 250 cubic meters of crude
2. Incident Category/Type: Marine ER Type 4
3. Date/Time: November 17, 17:00hrs
4. Primary Department(s)/Agency(s): C-NNLOPB
5. Supporting Departments/Agencies: ECCC, CCG, CWS
6. Regional Location: Atlantic
 - a. Province/Territory: Newfoundland and Labrador
 - b. City: NA
 - c. Amplifying location: Sea Rose FPSO, White Rose Oil Field
7. Current Situation: At 15:30 Local Time, 16/11/2018, the SEAROSE FPSO reported losing approximately 250 cubic meters of crude while circulating crude through their subsea line in preparation to go back in production after being shut down for the recent powerful storm. Second surveillance flight was conducted Saturday afternoon and observed a very light sheen over a large area. Area was 21 km X 8 km which is 168 sq. km. Within this area approx. 35% had sheening. Of the 35%, 95% was Tar code A and the remaining 5% was Tar code B resulting in a volume 2445 liters. Weather on site 5 – 8 meters seas and winds 40 – 50 kts.
8. Actions Taken: CCG remains in contact with C-NLOPB, and ECCC as Husky Energy conducts assessment and develops a response plan. CCG and the RO ECRC representatives were aboard surveillance flight at 11:00hrs today. ECRC have sent a wildlife observer out to site by supply ship.
Current Actions (other): Husky Energy has stood up their response center in St. John's. ECRC has been activated and will accompany CCG on today's surveillance flight. Spill tractor buoys have been deployed. Mass balance and spill trajectory has been run by ECCC.
9. Media/Public Communications: Local media outlets have been reporting on the incident.
10. Activities Next 24 Hours: CCG ER personnel will remain in contact with C-NLOPB as assessment progresses and will continue to monitor incident for developments.
11. Environmental Factors: Back to back storm systems passing through area are affecting on-water operations. 'Storm' force winds of 48 to 63 knots are occurring or expected to occur in this marine area. Seas 5 to 7 meters building to 7 to 10 this morning then subsiding to 5 to 7 near midnight. Seas subsiding to 3 to 5 Sunday morning
12. Significant Issues: N/A
13. Personnel Status: One ER Personnel was on surveillance flight today. Another flight scheduled for Sunday and will have CCG person onboard.
14. Equipment Status: N/A
15. New Requirements: N/A
16. Command Assessment: Continue to monitor incident for further developments and support C-NLOPB as required.
17. Next SITREP: Approximately 16:00 local time Sunday after tomorrow's surveillance flight.

Maritime Security Officer / Agent de sécurité maritime Canadian Coast Guard / Garde côtière canadienne Marine
Security Operations Centre - East / Centre d'opérations de la sécurité maritime – Est CFB Halifax / BFC Halifax Building
D-201 / Bâtiment D-201
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Téléphone/Télécopieur Sûr: (902) 427-2987 Government of Canada / Gouvernement du Canada

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LeBlanc, Brian (Acting AC, Atlantic Region)

From: LeBlanc, Brian (Executive Director, CCGC)
Sent: November 18, 2018 6:23 PM
To: Vardy, Harvey
Cc: Miller, Anne
Subject: Re: Incident SITREP 003, ER, FPSO Sea Rose - 250 Cubic Meters Crude Oil Spill

Approved, but can you highlight what's new in red before sending.

Thanks,

Brian

----- Original message -----

From: "Vardy, Harvey" <Harvey.Vardy@dfo-mpo.gc.ca>
Date: 2018-11-18 6:21 PM (GMT-03:30)
To: "LeBlanc, Brian (Executive Director, CCGC)" <Brian.LebLANC@dfo-mpo.gc.ca>
Cc: "Miller, Anne" <Anne.Miller@dfo-mpo.gc.ca>
Subject: Fw: Incident SITREP 003, ER, FPSO Sea Rose - 250 Cubic Meters Crude Oil Spill

Hello Brian

With your approval, I will send to MSOC for transmission.

Harv

Sent from my BlackBerry 10 smartphone on the Bell network.

From: Yard, David C <David.Yard@dfo-mpo.gc.ca>
Sent: Sunday, November 18, 2018 5:46 PM
To: Vardy, Harvey
Subject: Incident SITREP 003, ER, FPSO Sea Rose - 250 Cubic Meters Crude Oil Spill

1. CCG Region/Incident Name: Sea Rose FPSO release estimated at 250 cubic meters of crude
2. Incident Category/Type: Marine ER Type 4
3. Date/Time: November 18, 18:00hrs
4. Primary Department(s)/Agency(s): C-NNLOPB
5. Supporting Departments/Agencies: ECCC, CCG, CWS

6. Regional Location: Atlantic

a. Province/Territory: Newfoundland and Labrador

b. City: NA

c. Amplifying location: Sea Rose FPSO, White Rose Oil Field

7. Current Situation: At 15:30 Local Time, 16/11/2018, the SEAROSE FPSO reported losing approximately 250 cubic meters of crude while circulating crude through their subsea line in preparation to go back in production after being shut down for the recent powerful storm. Third surveillance flight was conducted Sunday morning and observed a very light sheen over a large area. Area was 18 km X 3 km. A portion of that area 3 x 3 km has approximately 120 liters. Coverage within the area was approximately 15%. Of the 15%, 95% was Tar code A, 4% Tar code B resulting in a volume 450 liters and 1% Code D. Fourth surveillance flight was conducted Sunday afternoon. Flight was tasked to check areas that haven't previously been checked to confirm no oil. The Oceans trajectory had oil go South, West, back North and then East. Oil only went south and a little East. Some sheen this afternoon which could have been from this morning's sighting but appeared to be smaller in area. No quantity available as the daylight was diminishing and things were hard to see. Husky Energy has requested same observers to be on flight tomorrow morning for consistency. Flight departure is scheduled for 07:00.

Weather on site appeared to be windier than yesterday with higher sea state. Husky Energy has their Regional Response Management Team (RRMT) activated at their Response Centre in St. John's.

8. Actions Taken: CCG ER remains in close contact with C-NLOPB and ECCC and with Husky Energy and their Environmental Coordinator at Husky Energy's Response Centre. CCG ER and the RO ECRC representatives were aboard surveillance flight at 07:00hrs this morning and again at 13:00hrs this afternoon.

Current Actions (other): Husky Energy has stood up their response center in St. John's. ECRC has been activated and will accompany CCG ER on surveillance flights. Spill tractor buoys have been deployed. Mass balance and spill trajectory has been run by ECCC. Wildlife observer and ROV have been deployed to site.

9. Media/Public Communications: Local media outlets have been reporting on the incident.

10. Activities Next 24 Hours: CCG ER personnel will remain in contact with C-NLOPB as assessment progresses and will continue to monitor incident for developments. CCG ER will continue close coordination with Husky Energy's Response Center (ICP).

11. Environmental Factors: Wind northwest 25 knots diminishing to northwest 15 late overnight and to light Monday morning. Wind increasing to south 15 to 20 Monday evening. Seas 5 to 7 meters subsiding to 3 to 5 this morning and to 2 to 3 Monday morning. Seas subsiding to 1 to 2 Monday evening.

12. Significant Issues: N/A

13. Personnel Status: One CCG ER Personnel was on surveillance flight today. Industry – Regional Response Management Team (RRMT), Spill Contractor – ECRC and other associated contractors.

14. Equipment Status: Industry – Surveillance Aircraft (PAL), three OSV's – Skandi Vinland ROV Operations prepping for transit to site for subsurface assessment, Maersk Dispatcher – Wildlife Observer and Spill Surveillance, Atlantic Hawk – Safety Stand-by and regular surveillance sweeps,

15. New Requirements: N/A

16. Command Assessment: Continue to monitor incident for further developments and support C-NLOPB as required.

17. Next SITREP: Approximately 16:00 local time Monday after daily surveillance flight(s).

Grant, Robert

From: Grant, Robert
Sent: November-18-18 5:26 PM
To: Yard, David C; English, Ambrose C
Subject: RE: Incident SITREP 003, ER, FPSO Sea Rose - 250 Cubic Meters Crude Oil Spill

Will do, he will call me when he lands and one of us will update the sit rep I sent earlier today for one combined report for November 18, 29018.

Bob

From: Yard, David C
Sent: Sunday, November 18, 2018 5:24 PM
To: Grant, Robert <Robert.Grant@dfp-mpo.gc.ca>
Subject: Re: Incident SITREP 003, ER, FPSO Sea Rose - 250 Cubic Meters Crude Oil Spill

Ok can you track him down when available and we can get the sitrep for today out.

Sent from my BlackBerry 10 smartphone on the Bell network.

From: Grant, Robert
Sent: Sunday, November 18, 2018 16:35
To: Yard, David C
Subject: Re: Incident SITREP 003, ER, FPSO Sea Rose - 250 Cubic Meters Crude Oil Spill

Ok never heard from Bruce yet.

Bob

Sent from my Bell Samsung device over Canada's largest network.

----- Original message -----

From: "Yard, David C" <David.Yard@dfp-mpo.gc.ca>
Date: 2018-11-18 4:33 PM (GMT-03:30)
To: "Grant, Robert" <Robert.Grant@dfp-mpo.gc.ca>
Subject: Fw: Incident SITREP 003, ER, FPSO Sea Rose - 250 Cubic Meters Crude Oil Spill

Bob I just got off call and never got this sent yet.

Can you update from second flight today then ill send and we will only do one sitrep.

Thx

Sent from my BlackBerry 10 smartphone on the Bell network.

From: Grant, Robert <Robert.Grant@dfp-mpo.gc.ca>

Sent: Sunday, November 18, 2018 14:09

To: Yard, David C

Subject: Incident SITREP 003, ER, FPSO Sea Rose - 250 Cubic Meters Crude Oil Spill

Dave for review and approval

1. CCG Region/Incident Name: Sea Rose FPSO release estimated at 250 cubic meters of crude
2. Incident Category/Type: Marine ER Type 4
3. Date/Time: November 18, 13:30hrs
4. Primary Department(s)/Agency(s): C-NNLOPB
5. Supporting Departments/Agencies: ECCC, CCG, CWS
6. Regional Location: Atlantic
 - a. Province/Territory: Newfoundland and Labrador
 - b. City: NA
 - c. Amplifying location: Sea Rose FPSO, White Rose Oil Field
7. Current Situation: At 15:30 Local Time, 16/11/2018, the SEAROSE FPSO reported losing approximately 250 cubic meters of crude while circulating crude through their subsea line in preparation to go back in production after being shut down for the recent powerful storm. Third surveillance flight was conducted Sunday morning and observed a very light sheen over a large area. Area was 18 km X 3 km. A portion of that area 3 x 3 km has approximately 120 liters. Coverage within the area was approximately 15%. Of the 15%, 95% was Tar code A, 4% Tar code B resulting in a volume 450 liters and 1% Code D. Weather on site appeared to be windier than yesterday with higher sea state. Husky Energy has their Regional Response Management Team (RRMT) activated at their Response Centre in St. John's.
8. Actions Taken: CCG ER remains in close contact with C-NLOPB and ECCC and with Husky Energy and their Environmental Coordinator at Husky Energy's Response Centre. CCG ER and the RO ECRC representatives were aboard surveillance flight at 07:00hrs this morning and again at 13:00hrs this afternoon
Current Actions (other): Husky Energy has stood up their response center in St. John's. ECRC has been activated and will accompany CCG ER on today's surveillance flight. Spill tractor buoys have been deployed. Mass balance and spill trajectory has been run by ECCC.
9. Media/Public Communications: Local media outlets have been reporting on the incident.
10. Activities Next 24 Hours: CCG ER personnel will remain in contact with C-NLOPB as assessment progresses and will continue to monitor incident for developments. CCG ER will continue close coordination with Husky Energy's Response Center.
11. Environmental Factors: Wind northwest 25 knots diminishing to northwest 15 late overnight and to light Monday morning. Wind increasing to south 15 to 20 Monday evening. Seas 5 to 7 meters subsiding to 3 to 5 this morning and to 2 to 3 Monday morning. Seas subsiding to 1 to 2 Monday evening.
12. Significant Issues: N/A
13. Personnel Status: One CCG ER Personnel was on surveillance flight today. Industry – Regional Response Management Team (RRMT), Spill Contractor – ECRC and other associated contractors.
14. Equipment Status: Industry – Surveillance Aircraft (PAL), three OSV's – Skandi Vinland ROV Operations prepping for transit to site for subsurface assessment, Maersk Dispatcher – Wildlife Observer and Spill Surveillance, Atlantic Hawk – Safety Stand-by and regular surveillance sweeps,
15. New Requirements: N/A
16. Command Assessment: Continue to monitor incident for further developments and support C-NLOPB as required.
17. Next SITREP: Approximately 17:00 local time Sunday after PM surveillance flight.

Grant, Robert

From: Grant, Robert
Sent: November-18-18 6:49 PM
To: Yard, David C
Subject: RE: Incident SITREP 003, ER, FPSO Sea Rose - 250 Cubic Meters Crude Oil Spill

Dave corrected below. The 450 liters went in before the TAR Code D quantity.

From: Yard, David C
Sent: Sunday, November 18, 2018 6:30 PM
To: Grant, Robert <Robert.Grant@dfo-mpo.gc.ca>
Subject: Fw: Incident SITREP 003, ER, FPSO Sea Rose - 250 Cubic Meters Crude Oil Spill

Bob there is something missing in the Tar code txt can u have a look thx
Sent from my BlackBerry 10 smartphone on the Bell network.

From: Yard, David C <David.Yard@dfo-mpo.gc.ca>
Sent: Sunday, November 18, 2018 18:16
To: Vardy, Harvey
Subject: Incident SITREP 003, ER, FPSO Sea Rose - 250 Cubic Meters Crude Oil Spill

1. CCG Region/Incident Name: Sea Rose FPSO release estimated at 250 cubic meters of crude
2. Incident Category/Type: Marine ER Type 4
3. Date/Time: November 18, 18:00hrs
4. Primary Department(s)/Agency(s): C-NNLOPB
5. Supporting Departments/Agencies: ECCC, CCG, CWS
6. Regional Location: Atlantic
 - a. Province/Territory: Newfoundland and Labrador
 - b. City: NA
 - c. Amplifying location: Sea Rose FPSO, White Rose Oil Field
7. Current Situation: At 15:30 Local Time, 16/11/2018, the SEAROSE FPSO reported losing approximately 250 cubic meters of crude while circulating crude through their subsea line in preparation to go back in production after being shut down for the recent powerful storm. Third surveillance flight was conducted Sunday morning and observed a very light sheen over a large area. Area was 18 km X 3 km. A portion of that area 3 x 3 km has approximately 120 liters. Coverage within the area was approximately 15%. Of the 15% coverage, 95% was Tar code A, 4% Tar code B and 1% Code D, resulting in a volume of 450 liters. Forth surveillance flight was conducted Sunday afternoon. Fight was tasked to check areas that haven't previously been checked to confirm no oil. The Oceans trajectory had oil go South, West,

back North and then East. Oil only went south and a little East. Some sheen this afternoon which could have been from this morning's sighting but appeared to be smaller in area. No quantity available as the daylight was diminishing and things were hard to see. Husky Energy has requested same observers to be on flight tomorrow morning for consistency. Flight departure is scheduled for 07:00.

Weather on site appeared to be windier than yesterday with higher sea state. Husky Energy has their Regional Response Management Team (RRMT) activated at their Response Centre in St. John's.

8. Actions Taken: CCG ER remains in close contact with C-NLOPB and ECCC and with Husky Energy and their Environmental Coordinator at Husky Energy's Response Centre. CCG ER and the RO ECRC representatives were aboard surveillance flight at 07:00hrs this morning and again at 13:00hrs this afternoon.

Current Actions (other): Husky Energy has stood up their response center in St. John's. ECRC has been activated and will accompany CCG ER on surveillance flights. Spill tractor buoys have been deployed. Mass balance and spill trajectory has been run by ECCC. Wildlife observer and ROV have been deployed to site.

9. Media/Public Communications: Local media outlets have been reporting on the incident.

10. Activities Next 24 Hours: CCG ER personnel will remain in contact with C-NLOPB as assessment progresses and will continue to monitor incident for developments. CCG ER will continue close coordination with Husky Energy's Response Center (ICP).

11. Environmental Factors: Wind northwest 25 knots diminishing to northwest 15 late overnight and to light Monday morning. Wind increasing to south 15 to 20 Monday evening. Seas 5 to 7 meters subsiding to 3 to 5 this morning and to 2 to 3 Monday morning. Seas subsiding to 1 to 2 Monday evening.

12. Significant Issues: N/A

13. Personnel Status: One CCG ER Personnel was on surveillance flight today. Industry – Regional Response Management Team (RRMT), Spill Contractor – ECRC and other associated contractors.

14. Equipment Status: Industry – Surveillance Aircraft (PAL), three OSV's – Skandi Vinland ROV Operations prepping for transit to site for subsurface assessment, Maersk Dispatcher – Wildlife Observer and Spill Surveillance, Atlantic Hawk – Safety Stand-by and regular surveillance sweeps,

15. New Requirements: N/A

16. Command Assessment: Continue to monitor incident for further developments and support C-NLOPB as required.

17. Next SITREP: Approximately 16:00 local time Monday after daily surveillance flight(s).

Fennelly, Stephanie

From: Yard, David C
Sent: Sunday, November 18, 2018 1:47 PM
To: Grant, Robert
Subject: Sitrep

Bob c, you put assets husky got assigned in sitrep like vessel, aircraft, wildlife observer and any plans implemented you know of like wildlife. Also include ROV tasked for investigation of source if indeed the case.

Thanks

Sent from my BlackBerry 10 smartphone on the Bell network.

Matheson, Kyle

From: Matheson, Kyle
Sent: November-18-18 8:42 PM
To: McCallum, Barry
Cc: Mansour, Atef A H; Clarke, Keith
Subject: Update: FW: Incident SITREP 003, ER, FPSO Sea Rose - 250 Cubic Meters Crude Oil Spill

Hi all,

Another surveillance flight conducted this morning observed only 450 L on the surface (mostly light sheening over a large area) and no new oil was detected during a second flight in the afternoon that focused on areas not previously checked for oil.

This is good news, indicating that much of the oil is likely dispersing in the high sea state (~2500 L detected on the surface the day before) and providing further evidence that it was a batch spill and is not a continuous leak.

The ROV has still not been able to make a proper assessment on the equipment to check for any further risk, which will be conducted when the weather subsides (likely Monday or Tuesday).

Wildlife observers are also being deployed to the site to survey for marine mammals and seabirds in the area.

Cheers, Kyle

From: MSOC-East / COSM-Est (DFO/MPO)
Sent: Sunday, November 18, 2018 6:16 PM
To: DFO.F CCG Nat Incidents / Incidents Nat GCC F.MPO
Subject: Incident SITREP 003, ER, FPSO Sea Rose - 250 Cubic Meters Crude Oil Spill

1. CCG Region/Incident Name: Sea Rose FPSO release estimated at 250 cubic meters of crude
2. Incident Category/Type: Marine ER Type 4
3. Date/Time: November 18, 18:00hrs

4. Primary Department(s)/Agency(s): C-NNLOPB

5. Supporting Departments/Agencies: ECCC, CCG, CWS

6. Regional Location: Atlantic

a. Province/Territory: Newfoundland and Labrador

b. City: NA

c. Amplifying location: Sea Rose FPSO, White Rose Oil Field

7. Current Situation: At 15:30 Local Time, 16/11/2018, the SEAROSE FPSO reported losing approximately 250 cubic meters of crude while circulating crude through their subsea line in preparation to go back in production after being shut down for the recent powerful storm. Third surveillance flight was conducted Sunday morning and observed a very light sheen over a large area. Area was 18 km X 3 km. A portion of that area 3 x 3 km has approximately 120 liters. Coverage within the area was approximately 15%. Of the 15%, 95% was Tar code A, 4% Tar code B resulting in a volume 450 liters and 1% Code D. Fourth surveillance flight was conducted Sunday afternoon. Flight was tasked to check areas that haven't previously been checked to confirm no oil. The Oceans trajectory had oil go South, West, back North and then East. Oil only went south and a little East. Some sheen this afternoon which could have been from this morning's sighting but appeared to be smaller in area. No quantity available as the daylight was diminishing and things

were hard to see. Husky Energy has requested same observers to be on flight tomorrow morning for consistency. Flight departure is scheduled for 07:00.

Weather on site appeared to be windier than yesterday with higher sea state. Husky Energy has their Regional Response Management Team (RRMT) activated at their Response Centre in St. John's.

8. Actions Taken: CCG ER remains in close contact with C-NLOPB and ECCC and with Husky Energy and their Environmental Coordinator at Husky Energy's Response Centre. CCG ER and the RO ECRC representatives were aboard surveillance flight at 07:00hrs this morning and again at 13:00hrs this afternoon.

Current Actions (other): Husky Energy has stood up their response center in St. John's. ECRC has been activated and will accompany CCG ER on surveillance flights. Spill tractor buoys have been deployed. Mass balance and spill trajectory has been run by ECCC. Wildlife observer and ROV have been deployed to site.

9. Media/Public Communications: Local media outlets have been reporting on the incident.

10. Activities Next 24 Hours: CCG ER personnel will remain in contact with C-NLOPB as assessment progresses and will continue to monitor incident for developments. CCG ER will continue close coordination with Husky Energy's Response Center (ICP).

11. Environmental Factors: Wind northwest 25 knots diminishing to northwest 15 late overnight and to light Monday morning. Wind increasing to south 15 to 20 Monday evening. Seas 5 to 7 meters subsiding to 3 to 5 this morning and to 2 to 3 Monday morning. Seas subsiding to 1 to 2 Monday evening.

12. Significant Issues: N/A

13. Personnel Status: One CCG ER Personnel was on surveillance flight today. Industry – Regional Response Management Team (RRMT), Spill Contractor – ECRC and other associated contractors.

14. Equipment Status: Industry – Surveillance Aircraft (PAL), three OSV's – Skandi Vinland ROV Operations prepping for transit to site for subsurface assessment, Maersk Dispatcher – Wildlife Observer and Spill Surveillance, Atlantic Hawk – Safety Stand-by and regular surveillance sweeps,

15. New Requirements: N/A

16. Command Assessment: Continue to monitor incident for further developments and support C-NLOPB as required.

17. Next SITREP: Approximately 16:00 local time Monday after daily surveillance flight(s).

Maritime Security Officer / Agent de sécurité maritime Canadian Coast Guard / Garde côtière canadienne Marine
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**Pages 288 to / à 292
are withheld pursuant to section
sont retenues en vertu de l'article**

24(1)

**of the Access to Information Act
de la Loi sur l'accès à l'information**

Fraser, Patrick

From: MSOC-East / COSM-Est (DFO/MPO)
Sent: Sunday, November 18, 2018 5:16 PM
To: DFO.F CCG Nat Incidents / Incidents Nat GCC F.MPO
Subject: Incident SITREP 003, ER, FPSO Sea Rose - 250 Cubic Meters Crude Oil Spill

1. CCG Region/Incident Name: Sea Rose FPSO release estimated at 250 cubic meters of crude

2. Incident Category/Type: Marine ER Type 4

3. Date/Time: November 18, 18:00hrs

4. Primary Department(s)/Agency(s): C-NNLOPB

5. Supporting Departments/Agencies: ECCC, CCG, CWS

6. Regional Location: Atlantic

a. Province/Territory: Newfoundland and Labrador

b. City: NA

c. Amplifying location: Sea Rose FPSO, White Rose Oil Field

7. Current Situation: At 15:30 Local Time, 16/11/2018, the SEAROSE FPSO reported losing approximately 250 cubic meters of crude while circulating crude through their subsea line in preparation to go back in production after being shut down for the recent powerful storm. Third surveillance flight was conducted Sunday morning and observed a very light sheen over a large area. Area was 18 km X 3 km. A portion of that area 3 x 3 km has approximately 120 liters. Coverage within the area was approximately 15%. Of the 15%, 95% was Tar code A, 4% Tar code B resulting in a volume 450 liters and 1% Code D. Fourth surveillance flight was conducted Sunday afternoon. Flight was tasked to check areas that haven't previously been checked to confirm no oil. The Oceans trajectory had oil go South, West, back North and then East. Oil only went south and a little East. Some sheen this afternoon which could have been from this morning's sighting but appeared to be smaller in area. No quantity available as the daylight was diminishing and things were hard to see. Husky Energy has requested same observers to be on flight tomorrow morning for consistency. Flight departure is scheduled for 07:00.

Weather on site appeared to be windier than yesterday with higher sea state. Husky Energy has their Regional Response Management Team (RRMT) activated at their Response Centre in St. John's.

8. Actions Taken: CCG ER remains in close contact with C-NLOPB and ECCC and with Husky Energy and their Environmental Coordinator at Husky Energy's Response Centre. CCG ER and the RO ECRC representatives were aboard surveillance flight at 07:00hrs this morning and again at 13:00hrs this afternoon.

Current Actions (other): Husky Energy has stood up their response center in St. John's. ECRC has been activated and will accompany CCG ER on surveillance flights. Spill tractor buoys have been deployed. Mass balance and spill trajectory has been run by ECCC. Wildlife observer and ROV have been deployed to site.

9. Media/Public Communications: Local media outlets have been reporting on the incident.

10. Activities Next 24 Hours: CCG ER personnel will remain in contact with C-NLOPB as assessment progresses and will continue to monitor incident for developments. CCG ER will continue close coordination with Husky Energy's Response Center (ICP).
11. Environmental Factors: Wind northwest 25 knots diminishing to northwest 15 late overnight and to light Monday morning. Wind increasing to south 15 to 20 Monday evening. Seas 5 to 7 meters subsiding to 3 to 5 this morning and to 2 to 3 Monday morning. Seas subsiding to 1 to 2 Monday evening.
12. Significant Issues: N/A
13. Personnel Status: One CCG ER Personnel was on surveillance flight today. Industry – Regional Response Management Team (RRMT), Spill Contractor – ECRC and other associated contractors.
14. Equipment Status: Industry – Surveillance Aircraft (PAL), three OSV's – Skandi Vinland ROV Operations prepping for transit to site for subsurface assessment, Maersk Dispatcher – Wildlife Observer and Spill Surveillance, Atlantic Hawk – Safety Stand-by and regular surveillance sweeps,
15. New Requirements: N/A
16. Command Assessment: Continue to monitor incident for further developments and support C-NLOPB as required.
17. Next SITREP: Approximately 16:00 local time Monday after daily surveillance flight(s).

Maritime Security Officer / Agent de sécurité maritime Canadian Coast Guard / Garde côtière canadienne Marine
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2737 Provo Wallis Street
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Justice, Robert

From: Justice, Robert
Sent: November-18-18 10:55 AM
To: Matthews, Michelle
Subject: Re: Incident SITREP 002, ER, FPSO Sea Rose - 250 Cubic Meters Crude Oil Spill

Brian is developing the options for way forward. To be approved by the Commissioner

R

Sent from my BlackBerry 10 smartphone on the Bell network.

From: Matthews, Michelle
Sent: Sunday, November 18, 2018 10:16
To: Justice, Robert
Subject: Re: Incident SITREP 002, ER, FPSO Sea Rose - 250 Cubic Meters Crude Oil Spill

Do you know who is being tasked to develop the product that Wade is discussing? The region or HQ?

Sent from my BlackBerry 10 smartphone on the Rogers network.

From: Matthews, Michelle
Sent: Saturday, November 17, 2018 8:36 PM
To: Justice, Robert
Subject: Fw: Incident SITREP 002, ER, FPSO Sea Rose - 250 Cubic Meters Crude Oil Spill

Sent from my BlackBerry 10 smartphone on the Rogers network.

From: MSOC-East / COSM-Est (DFO/MPO) <MSOC-East.XNAT@dfo-mpo.gc.ca>
Sent: Saturday, November 17, 2018 3:54 PM
To: DFO.F CCG Nat Incidents / Incidents Nat GCC F.MPO
Subject: Incident SITREP 002, ER, FPSO Sea Rose - 250 Cubic Meters Crude Oil Spill

1. CCG Region/Incident Name: Sea Rose FPSO release estimated at 250 cubic meters of crude
2. Incident Category/Type: Marine ER Type 4
3. Date/Time: November 17, 17:00hrs
4. Primary Department(s)/Agency(s): C-NNLOPB
5. Supporting Departments/Agencies: ECCC, CCG, CWS
6. Regional Location: Atlantic
 - a. Province/Territory: Newfoundland and Labrador
 - b. City: NA
 - c. Amplifying location: Sea Rose FPSO, White Rose Oil Field
7. Current Situation: At 15:30 Local Time, 16/11/2018, the SEAROSE FPSO reported losing approximately 250 cubic meters of crude while circulating crude through their subsea line in preparation to go back in production after being shut down for the recent powerful storm. Second surveillance flight was conducted Saturday afternoon and observed a very light sheen over a large area. Area was 21 km X 8 km which is 168 sq. km. Within this area approx. 35% had sheening. Of

the 35%, 95% was Tar code A and the remaining 5% was Tar code B resulting in a volume 2445 liters . Weather on site 5 – 8 meters seas and winds 40 – 50 kts.

8. Actions Taken: CCG remains in contact with C-NLOPB, and ECCC as Husky Energy conducts assessment and develops a response plan. CCG and the RO ECRC representatives were aboard surveillance flight at 11:00hrs today. ECRC have sent a wildlife observer out to site by supply ship.

Current Actions (other): Husky Energy has stood up their response center in St. John's. ECRC has been activated and will accompany CCG on today's surveillance flight. Spill tractor buoys have been deployed. Mass balance and spill trajectory has been run by ECCC.

9. Media/Public Communications: Local media outlets have been reporting on the incident.

10. Activities Next 24 Hours: CCG ER personnel will remain in contact with C-NLOPB as assessment progresses and will continue to monitor incident for developments.

11. Environmental Factors: Back to back storm systems passing through area are affecting on-water operations. 'Storm' force winds of 48 to 63 knots are occurring or expected to occur in this marine area. Seas 5 to 7 meters building to 7 to 10 this morning then subsiding to 5 to 7 near midnight. Seas subsiding to 3 to 5 Sunday morning

12. Significant Issues: N/A

13. Personnel Status: One ER Personnel was on surveillance flight today. Another flight scheduled for Sunday and will have CCG person onboard.

14. Equipment Status: N/A

15. New Requirements: N/A

16. Command Assessment: Continue to monitor incident for further developments and support C-NLOPB as required.

17. Next SITREP: Approximately 16:00 local time Sunday after tomorrow's surveillance flight.

Maritime Security Officer / Agent de sécurité maritime Canadian Coast Guard / Garde côtière canadienne Marine Security Operations Centre - East / Centre d'opérations de la sécurité maritime – Est CFB Halifax / BFC Halifax Building D-201 / Bâtiment D-201

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Matheson, Kyle

From: Thomas, Graham (EC) <graham.thomas@canada.ca>
Sent: November-19-18 5:29 PM
To: Matheson, Kyle
Cc: Pilgrim, Bret
Subject: RE: ECCC - modeling/drifter data / sampling

Great questions. Will work on the first one tomorrow. CMC is working on COSMOS but it is far from ready for actual use, they did practice on this incident behind the scenes but we only used ESTS models. So I will get two contacts for you.

Question 2, this came up on the weekend I will see if there were samples collected.

Graham Thomas

Senior Officer, Preparedness and Response – Atlantic
National Environmental Emergencies Centre (NEEC) - Mount Pearl Office
Environmental Protection Operations Directorate
Environment and Climate Change Canada / Government of Canada
graham.thomas@canada.ca / Tel: 709-772-4285 / Cell : [REDACTED] / **Emergencies 24/7 : 1-866-283-2333**

Agent principal, Préparation et intervention – Atlantique
Centre national des urgences environnementales (CNUE) - Bureau de Mount Pearl
Direction des activités de protection de l'environnement
Environnement et Changement climatique Canada / Gouvernement du Canada
graham.thomas@canada.ca / Tél. : 709-772-4285 / Cell : [REDACTED] / **Urgences 24/7 : 1-866-283-2333**

From: Matheson, Kyle [<mailto:Kyle.Matheson@dfo-mpo.gc.ca>]
Sent: November 19, 2018 2:32 PM
To: Thomas, Graham (EC)
Cc: Pilgrim, Bret
Subject: ECCC - modeling/drifter data / sampling

Hi Graham,

2 quick items:

- 1) I have received interest from modellers at DFO to look at or work with some of the ECCC modelling team to further benchmark/validate the models produced (with some of the ongoing projects they are working on). Fraser Davidson (DFO) has worked with several folks from ECCC and COSMOS in the past, but I wanted to go through you first to ask who may be the best contact from ECCC and if it is ok that he reaches out them.
- 2) There has also been interest in water samples for ongoing eDNA research. Do you know if any water samples have/are being taken?

Thanks, Kyle

MSc, Aquatic Science Biologist

Environmental Incident Coordinator
Ecological Sciences | Science Branch
Fisheries and Oceans Canada
St. John's, NL

Pilgrim, Bret

From: Thomas, Graham (EC) <graham.thomas@canada.ca>
Sent: November-19-18 12:56 PM
To: Wilhelm, Sabina (EC); Ronconi, Robert (EC); Whittam, Becky (EC); Matheson, Kyle;
Pilgrim, Bret
Subject: flight observation update

This morning's overflight found no product on the water!! Next overflight will be for wildlife observations this afternoon with Dave Pinsent Husky Energy on board. Tomorrow mornings flight at 0600 will also be for wildlife observations and a CWS observer is requested on the flight is requested can you confirm availability and who would be deployed?

Graham Thomas

Senior Officer, Preparedness and Response – Atlantic
National Environmental Emergencies Centre (NEEC) - Mount Pearl Office
Environmental Protection Operations Directorate
Environment and Climate Change Canada / Government of Canada
graham.thomas@canada.ca / Tel: 709-772-4285 / Cell : [REDACTED] / Emergencies 24/7 : 1-866-283-2333

Agent principal, Préparation et intervention – Atlantique
Centre national des urgences environnementales (CNUE) - Bureau de Mount Pearl
Direction des activités de protection de l'environnement
Environnement et Changement climatique Canada / Gouvernement du Canada
graham.thomas@canada.ca / Tél. : 709-772-4285 / Cell [REDACTED] / Urgences 24/7 : 1-866-283-2333

From: [Davidson, Fraser](#)
To: ["Marcotte, Guillaume \(EC\)"; Pestieau, Paul \(EC\)](#)
Cc: [Pellerin, Pierre \(EC\)](#)
Subject: RE: The NL oil spill
Date: Monday, November 19, 2018 4:40:20 PM

I believe there is satellite imagery and drifters deployed,
That's all I know and that came from CBC...

The models that DFO sees comes from ECCC in Ottawa (Ali et al .)

Fraser

Fraser JM Davidson

Research Scientist, Physical Oceanography
Oceanography Section

Fraser JM Davidson

Chercheur, Oceanographie Physique
Section Oceanographie

DFO-NAFC, 80 East White hills Rd.

P.O. Box 5667, St. John's, NL. A1C 5X1

Tel: **709-772-2418** Fax 709-772-5315 Fraser.Davidson@dfo-mpo.gc.ca

From: Marcotte, Guillaume (EC) <guillaume.marcotte@canada.ca>

Sent: Monday, November 19, 2018 4:38 PM

To: Davidson, Fraser <Fraser.Davidson@dfo-mpo.gc.ca>; Pestieau, Paul (EC)
<paul.pestieau@canada.ca>

Cc: Pellerin, Pierre (EC) <pierre.pellerin@canada.ca>

Subject: RE: The NL oil spill

Hi Fraser,

We were implied in that incident in our parallel validation/verification phase. Do you know if there is
any observation of the slick?

Thanks

Guillaume

De : Davidson, Fraser [<mailto:Fraser.Davidson@dfo-mpo.gc.ca>]

Envoyé : 19 November 2018 2:58

À : Marcotte, Guillaume (EC); Pestieau, Paul (EC)

Cc : Pellerin, Pierre (EC)

Objet : The NL oil spill

Hi Guillaume, has COSMOS been engaged on the NL oil spill

<https://www.cbc.ca/news/canada/newfoundland-labrador/damage-unknown-searose-spill-1.4911091>

I was wondering if there was drifter data available of benchmarking our OPP systems we have developed against that data.

Fraser

Fraser JM Davidson

Research Scientist, Physical Oceanography
Oceanography Section

Fraser JM Davidson

Chercheur, Oceanographie Physique
Section Oceanographie

DFO-NAFC, 80 East White hills Rd.

P.O. Box 5667, St. John's, NL. A1C 5X1

Tel. **709-772-2418** Fax: 709-772-5315 Fraser.Davidson@dfo-mpo.gc.ca

Pilgrim, Bret

From: Thomas, Graham (EC) <graham.thomas@canada.ca>
Sent: November-19-18 1:29 PM
To: Matheson, Kyle
Cc: Pilgrim, Bret
Subject: RE: Wildlife response plan;

I will follow up immediately, you may get invited to daily briefings CWS are looking for this and I will suggest DFO be included.

Graham Thomas

Senior Officer, Preparedness and Response - Atlantic National Environmental Emergencies Centre (NEEC) - Mount Pearl
Office Environmental Protection Operations Directorate Environment and Climate Change Canada / Government of
Canada graham.thomas@canada.ca / Tel: 709-772-4285 / Cell : [REDACTED] / Emergencies 24/7 : 1-866-283-2333

Agent principal, Préparation et intervention - Atlantique Centre national des urgences environnementales (CNUE) -
Bureau de Mount Pearl Direction des activités de protection de l'environnement Environnement et Changement
climatique Canada / Gouvernement du Canada graham.thomas@canada.ca / Tél. : 709-772-4285 / Cell : [REDACTED]
Urgences 24/7 : 1-866-283-2333

-----Original Message-----

From: Matheson, Kyle [<mailto:Kyle.Matheson@dfo-mpo.gc.ca>]
Sent: November 19, 2018 11:57 AM
To: Thomas, Graham (EC)
Cc: Pilgrim, Bret
Subject: FW: Wildlife response plan;

Hi Graham,

I just looked over the most recent wildlife plan and had a couple of comments.

The only new mention for marine mammals was, "Although the protocol referenced are for seabird observations, any additional marine wildlife (e.g., whales, sea turtles, etc.) observed during the seabird surveys will be recorded and submitted with the seabird data." However, later it was stated that the surveys are exclusively dedicated to detecting birds. The protocols used for bird observations can be effective at detecting marine mammals as well, so I think it would be important to emphasize that the surveys are for detecting both birds and marine mammals.

Also, there is no dedicated columns (or any mention) of marine mammal sightings in the spreadsheet that I received this morning.

I have also received a request from our Marine Mammal group for images to be taken of any marine mammals that are observed during surveys (included with lat/long, time, etc of observation as part of the daily report). Can we also receive a copy of the daily report (even if marine mammal observations are nil).

Specific information from our marine mammal group:

1) Whales will vary from day to day because they are all highly mobile. Some species listed under SARA (blue, fin, killer whales) may be sighted there now as well as smaller species, such as the white-beaked dolphins. Other deep-diving

species such as sperm, pilot, and beaked (northern bottlenose and Sowerby's) whales are more likely to be observed further east on the edge of the Grand Banks, but given that sperm whales are routinely observed following trawlers, it is possible that they could be seen in this area.

2) This area is the winter feeding range for harp and hooded seals. They are not usually observed around here until December, so large groups are not expected (maybe only the odd animal)

Thanks, Kyle

(And great news that no product was observed today!)

Pilgrim, Bret

From: Kelly, Jason
Sent: November-19-18 2:40 PM
To: Pilgrim, Bret
Subject: RE: Searose update

Ok thanks. Can you pop out??

From: Pilgrim, Bret
Sent: November-19-18 2:39 PM
To: Kelly, Jason
Subject: Searose update

Jason,

Some information on the Searose SPFO spill this weekend:

Saturday - Graham spoke with Jeff O'keefe C-NLOPB regarding the 250 cubic metres of product reported in the media and on the C-NLOPB web site. The decision was made to use the worst case scenario for release volume until the incident has been fully investigated and a determined volume calculated.

Sunday - Surveillance flight was conducted Sun morning and observed only 450 L on the surface (mostly light sheening over a large area) and no new oil was detected during a second flight in the afternoon that focused on areas not previously checked for oil.

This is good news, indicating that much of the oil is likely dispersing in the high sea state (~2500 L detected on the surface the day before) and providing further evidence that it was a batch spill and is not a continuous leak.

The ROV has still not been able to make a proper assessment on the equipment to check for any further risk, which will be conducted when the weather subsides (likely Monday or Tuesday).

These are the relevant details on activities so far.

- No official science table was called however, there was a call yesterday (Sunday) to review Husky's Wildlife plan.
 - there was no mention of marine mammals in the original draft so they need to include it in the revised version.
- Science has forwarded relevant information on marine mammals to Husky today which included:
 - 1) Whales will vary from day to day because they are all highly mobile. Some species listed under SARA (blue, fin, killer whales) may be sighted there now as well as smaller species, such as the white-beaked dolphins. Other deep-diving species such as sperm, pilot, and beaked (northern bottlenose and Sowerby's) whales are more likely to be observed further east on the edge of the Grand Banks, but given that sperm whales are routinely observed following trawlers, it is possible that they could be seen in this area.
 - 2) This area is the winter feeding range for harp and hooded seals. They are not usually observed around here until December, so large groups are not expected (maybe only the odd animal)
- Waiting on revised version of wildlife plan.
- There will be daily briefing on the situation for the next few days...we have requested the DFO be included in briefings. Waiting to head back from Graham, who passed the request along to CWS and Husky.
- This morning's overflight found no product on the water. Next overflight will be for wildlife observations this afternoon. Tomorrow mornings flight at 0600 will also be for wildlife observations.

Bret Pilgrim

Fisheries Protection Biologist

Fisheries Protection Program | Programme de protection des pêches

Ecosystems Management | Gestion des écosystèmes

Fisheries and Oceans Canada | Pêches et Océans Canada

Northwest Atlantic Fisheries Centre |

Centre des Pêches de l'Atlantique Nord-Ouest

80 East White Hills Road | 80, route White Hills est

PO Box 5667 | CP 5667

St. John's NL A1C 5X1 Canada

Tel. 709-772-6562

Edison, Margo

From: Edison, Margo
Sent: Monday, November 19, 2018 11:02 AM
To: Kelly, Jason
Subject: FW: RE: DUTY OFFICER - Husky - SeaRose FPSO - Oil Observed in the Vicinity of the SWRX Drill Centre During Start Up Operations (Post Storm Event)

FYI

-----Original Message-----

From: Perry, Jacqueline
 Sent: Monday, November 19, 2018 10:52 AM
 To: Finn, Ray <Ray.Finn@dfo-mpo.gc.ca>; Bieger, Tilman <Tilman.Bieger@dfo-mpo.gc.ca>; Edison, Margo <Margo.Edison@dfo-mpo.gc.ca>
 Subject: FW: RE: DUTY OFFICER - Husky - SeaRose FPSO - Oil Observed in the Vicinity of the SWRX Drill Centre During Start Up Operations (Post Storm Event)

FYI - getting caught up this morning.

-----Original Message-----

From: Tessier, Scott <STessier@cnlopb.ca>
 Sent: Friday, November 16, 2018 4:23 PM
 To: Perry, Jacqueline <Jacqueline.Perry@dfo-mpo.gc.ca>; 'Carter, Chris' <chriscarter@gov.nl.ca>; Gardiner, Timothy (NRCan/RNCan) <timothy.gardiner@canada.ca>; McIntosh, Gordon <gordonmcintosh@gov.nl.ca>
 Subject: Fwd: RE: DUTY OFFICER - Husky - SeaRose FPSO - Oil Observed in the Vicinity of the SWRX Drill Centre During Start Up Operations (Post Storm Event)

We just met with Husky. Current estimate of product lost is 250m3 (250,000L) of crude oil. Hard to say exactly what has happened as weather precludes ROV deployment. ECRC is engaged but hard to know what can be done to recover oil in these conditions. Our guys will talk to the federal NEEC. We'll issue an incident bulletin this evening and will stay in touch as we go. Call my cell as needed, [REDACTED] -- Scott

On November 16, 2018 at 2:45:04 PM NST, Scott Tessier <STessier@cnlopb.ca> wrote:

Fyi. Probably not reservoir oil (see second last statement below). Husky is coming over to meet with us at 3:30.
 -- Scott

----- Forwarded message -----

From: Taylor, Ken <KTaylor@cnlopb.ca>
 Date: November 16, 2018 at 2:31:33 PM NST
 Subject: RE: DUTY OFFICER - Husky - SeaRose FPSO - Oil Observed in the Vicinity of the SWRX Drill Centre During Start Up Operations (Post Storm Event)
 To: _DutyCallDistributionList <_DutyCallDistributionList@cnlopb.ca>

I spoke to Sandy Cooper, HSE Advisor for Husky [REDACTED], at 2:10 pm and have some additional information based on his 13:28 update from SeaRose OIM.

Atlantic Hawk is at spill site but is having trouble seeing spreading spill on water due to sea state. They do note that there are no further indications of new oil reaching the surface. Tracker buoys have been released.

Sea State at 17:30 UTC (2:00 pm local) was 7.27m significant 11.5m maximum wave height.

Wind 29.8 kt at 305° gusting to 34.5 kt {at anemometer height which is probably helideck}

ECRC personnel now at Husky EOC.

PAL surveillance flight was scheduled wheels up 14:00 (local) for overflight.

"Hot Oiling" is circulation of heated oil from SeaRose to drill centre and back via flowlines. This had been underway for approximately 1 hour when pressure loss was noted.

Sandy will provide updates to me at 778-1475.

Thanks,

Ken Taylor

From: Rex, Sherry

Sent: Friday, November 16, 2018 1:44 PM

To: _DutyCallDistributionList <_DutyCallDistributionList@cnlopbc.ca>

Subject: RE: DUTY OFFICER - Husky - SeaRose FPSO - Oil Observed in the Vicinity of the SWRX Drill Centre During Start Up Operations (Post Storm Event)

Correction – Eastern Canada Response Corporation (ECRC)

From: Rex, Sherry

Sent: Friday, November 16, 2018 1:40 PM

To: _DutyCallDistributionList <_DutyCallDistributionList@cnlopbc.ca>

Subject: DUTY OFFICER - Husky - SeaRose FPSO - Oil Observed in the Vicinity of the SWRX Drill Centre During Start Up Operations (Post Storm Event)

s.19(1)

Importance: High

At 1:15 pm Sandy Cooper, HSE Advisor for Husky, called to report a potential spill from the South White Rose Extension (SWRX) drill centre. At 12:20 PM an issue with the pressure on a flowline was discovered when they were in the process of hot oiling operations (part of the start up procedure). After 20 minutes of troubleshooting with onshore personnel, the Atlantic Hawk (standby vessel) was dispatched to conduct a surface survey of the area. When the Hawk reached the SWRX area they noticed what appeared to be a mile long indication of oil. Husky isolated the drill centre and activated their onshore Emergency Response Team. JRCC and CCG have been notified. They have also requested that a member of the ECRC (East Coast Response Corporation – spill response contractor) attend their emergency operations centre at 351 Water Street. They have requested that a tracker buoy be deployed from the Atlantic hawk to track spill trajectory. They are of the view that the issue has been isolated and there is no chance for escalation.

I have relayed this information verbally to the CSO at 1:32 PM.

Sandy's contact information is 

Sherry Rex

Safety Officer

C-NLOPB

5th Floor, TD Place, 140 Water Street

St. John's, NL A1C 6H6

t. 709 778 4266

twitter @CNLOPB

www.cnlopb.ca<<http://www.cnlopb.ca>>

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Whiffen, Sam

From: Whiffen, Sam
Sent: November-19-18 12:56 PM
To: Smith, Fiona; Trudeau, Miriam; Stanek, Frank (Frank.Stanek@dfo-mpo.gc.ca)
Cc: Dunderdale, Sara
Subject: the CBC inquiry

Hi,
 I need some clarification.
 For the reporter's request, so that I understand. Are we declining the interview asking us about CCG's role in this incident and then referring the reporter to NRCan to speak to the federal agencies? Or are we declining the interview, providing the written lines, and advising reporter that the CNLOPB is the lead and will speak to the incident?
 Thanks
 Sam

From: Smith, Fiona
Sent: November-19-18 12:44 PM
To: Trudeau, Miriam; Stanek, Frank; Lebel, Mathieu; Whiffen, Sam; Mackenzie, Joey
Cc: Whiffen, Sam; Dunderdale, Sara; Hubley, Marian; McElhone, Kathryn; Saindon, Carole; Chow, Vance; NCR Media RCN (DFO/MPO); Mayrand, Benoit
Subject: Re: NRCan

Our lines cover those points. Thanks!

Fiona Smith

From: Trudeau, Miriam
Sent: Monday, November 19, 2018 11:11 AM
To: Stanek, Frank; Smith, Fiona; Lebel, Mathieu; Whiffen, Sam; Mackenzie, Joey
Cc: Whiffen, Sam; Dunderdale, Sara; Hubley, Marian; McElhone, Kathryn; Saindon, Carole; Chow, Vance; NCR Media RCN (DFO/MPO); Mayrand, Benoit
Subject: Re: NRCan

I am at the MINO-Comms meeting. Just spoke with Jocelyn. She would like for the bullets to be cleared that the company is leading this incident.

She touched based with PMO. NRCan is the lead but they are not putting a spokesperson. The thinking is to have the board to have a spokes and if our CCG rep is joining them, they can speak to our role - and that we are ready to assits if need be.

Sent from my BlackBerry 10 smartphone on the Bell network.

From: Stanek, Frank
Sent: Monday, November 19, 2018 11:01 AM
To: Trudeau, Miriam; Smith, Fiona; Lebel, Mathieu; Whiffen, Sam; Mackenzie, Joey
Cc: Whiffen, Sam; Dunderdale, Sara; Hubley, Marian; McElhone, Kathryn; Saindon, Carole; Chow, Vance; NCR Media RCN (DFO/MPO); Mayrand, Benoit
Subject: RE: NRCan

Adding Joey.

Frank

From: Stanek, Frank
Sent: November-19-18 10:58 AM
To: Trudeau, Miriam; Smith, Fiona; Lebel, Mathieu; Whiffen, Sam
Cc: Whiffen, Sam; Dunderdale, Sara; Hubley, Marian; McElhone, Kathryn; Saindon, Carole; Chow, Vance; NCR Media RCN (DFO/MPO); Mayrand, Benoit
Subject: NRCan

Hi – I will reply back to MINO via protocol with NRCan recommendation.

Frank

From: Media_Relations / Media_Relations (NRCan/RNCan) [mailto:NRCan.media_relations-media_relations.RNCan@canada.ca]
Sent: November-19-18 10:51 AM
To: Stanek, Frank; Media_Relations / Media_Relations (NRCan/RNCan)
Cc: NCR Media RCN (DFO/MPO); Saindon, Carole; Chow, Vance; Mayrand, Benoit; Eatmon, Keegan; Lebel, Mathieu; Trudeau, Miriam; Smith, Fiona
Subject: RE: FYI response to media query - Searose oil field spill, NL and CCG

Hi Frank,

The board would be in a better position to grant an interview on this matter. They have been posting statements, to which the reporter could be referred.

Additionally, media requests on the spill can also be referred to Husky Energy.

Mel Duvall, Senior Manager, Media & Issues
403-513-7602

Merci!
Catherine

From: Stanek, Frank <Frank.Stanek@dfo-mpo.gc.ca>
Sent: November 19, 2018 10:30 AM
To: Media_Relations / Media_Relations (NRCan/RNCan) <NRCan.media_relations-media_relations.RNCan@canada.ca>
Cc: NCR Media RCN (DFO/MPO) <Media.XNCR@dfo-mpo.gc.ca>; Saindon, Carole <Carole.Saindon@dfo-mpo.gc.ca>; Chow, Vance <Vance.Chow@dfo-mpo.gc.ca>; Mayrand, Benoit <Benoit.Mayrand@dfo-mpo.gc.ca>; Eatmon, Keegan <Keegan.Eatmon@dfo-mpo.gc.ca>; Lebel, Mathieu <Mathieu.Lebel@dfo-mpo.gc.ca>; miriam trudeau Ext-PCH <miriam.trudeau@dfo-mpo.gc.ca>; Smith, Fiona <Fiona.Smith@dfo-mpo.gc.ca>
Subject: RE: FYI response to media query - Searose oil field spill, NL and CCG

Hi – CBC is requesting an interview. As NRCan is G of C lead, are you folks or the Board able to offer an interview today to the CBC NL based reporter. CCG would be willing to provide technical support

Please advise.

Frank
(613) 990-0499

From: Stanek, Frank
Sent: November-19-18 9:38 AM
To: 'NRCan.media_relations-media_relations.RNCan@canada.ca'
Cc: NCR Media RCN (DFO/MPO); Saindon, Carole; Chow, Vance; Mayrand, Benoit; Eatmon, Keegan
Subject: FYI response to media query - Searose oil field spill, NL and CCG
Importance: High

Hi. Please see enclosed details. As the board follows under NRCan, sharing as FYI.

Frank Stanek
 Manager, Media Relations | Gestionnaire, Relations avec les médias
 Fisheries and Oceans and the Canadian Coast Guard | Pêches et Océans et la Garde côtière canadienne
 (613) 990-0499
 Follow us on Twitter: [@FishOceansCAN](#) | Suivez nous sur Twitter: [@PechesOceansCAN](#)
 Follow us on Twitter: [@CoastGuardCAN](#) | Suivez nous sur Twitter: [@GardeCotiereCAN](#)

Issue: [REDACTED] CBC, News [REDACTED]
 requesting an interview concerning the oil spill which occurred at the SeaRose FPSO in the White Rose oilfield off Newfoundland on Friday with a member of the team charged with overseeing/monitoring this incident on behalf of Coast Guard. We would like to know what the current situation is as there is great public interest in this story, given that it is the largest oil spill in the history of the Newfoundland offshore.

Deadline: 9:45 a.m.

Background:

At 15:30 on Friday November 16, the SeaRose oil production platform (FPSO) reported losing approximately 250 cubic metres of crude as they resumed operations after inclement weather in Newfoundland. A surveillance flight late Friday afternoon observed 3 cubic meters of crude on the surface over 168 sq kilometers. Husky Energy has stood up their response center and the Eastern Canada Response Corporation has been activated. They are conducting an assessment and developing a response plan. Coast Guard remains in contact with the Canada-Newfoundland and Labrador Offshore Petroleum Board

Recommendation: provide written response and possibly an interview with CCG spokesperson.

Media Lines:

- The Canadian Coast Guard received a report at 15:30 on November 16 that the SeaRose FPSO, a floating oil production, storage and offloading vessel owned and operated by Husky Oil Operations Ltd., had lost crude in the White Rose Oil Field 350 kilometres off the coast of Newfoundland.
- The Canadian Coast Guard is in contact with the Canada-Newfoundland and Labrador Offshore Petroleum Board and Environment and Climate Change Canada as Husky conducts an assessment and implements its response plan.

- The Canadian Coast Guard participated in a surveillance flight on Saturday morning along with Eastern Canada Response Corporation representatives to assess the situation.
- We will continue to monitor the incident and will stay in close contact with the Canada-Newfoundland and Labrador Offshore Petroleum Board as the assessment and response plan progresses.

Responsive only:

- The Canadian Coast Guard is not leading the response to this incident, but we are providing full support to the Canada-Newfoundland and Labrador Offshore Petroleum Board and all response partners.
- The Coast Guard has environmental response personnel and equipment that was recently upgraded under the Oceans Protection Plan standing by to help if requested.
- For information on the amount of oil lost please contact Husky Oil or the Canada-Newfoundland and Labrador Offshore Petroleum Board.

Pilgrim, Bret

From: Matheson, Kyle
Sent: November-19-18 3:21 PM
To: Pilgrim, Bret
Subject: FW: Updated Wildlife Observation Plan and Wildlife Observation Spreadsheet
Attachments: Wildlife Observation Plan 2018-11-19.pdf; Wildlife Observation Spreadsheet.xlsx

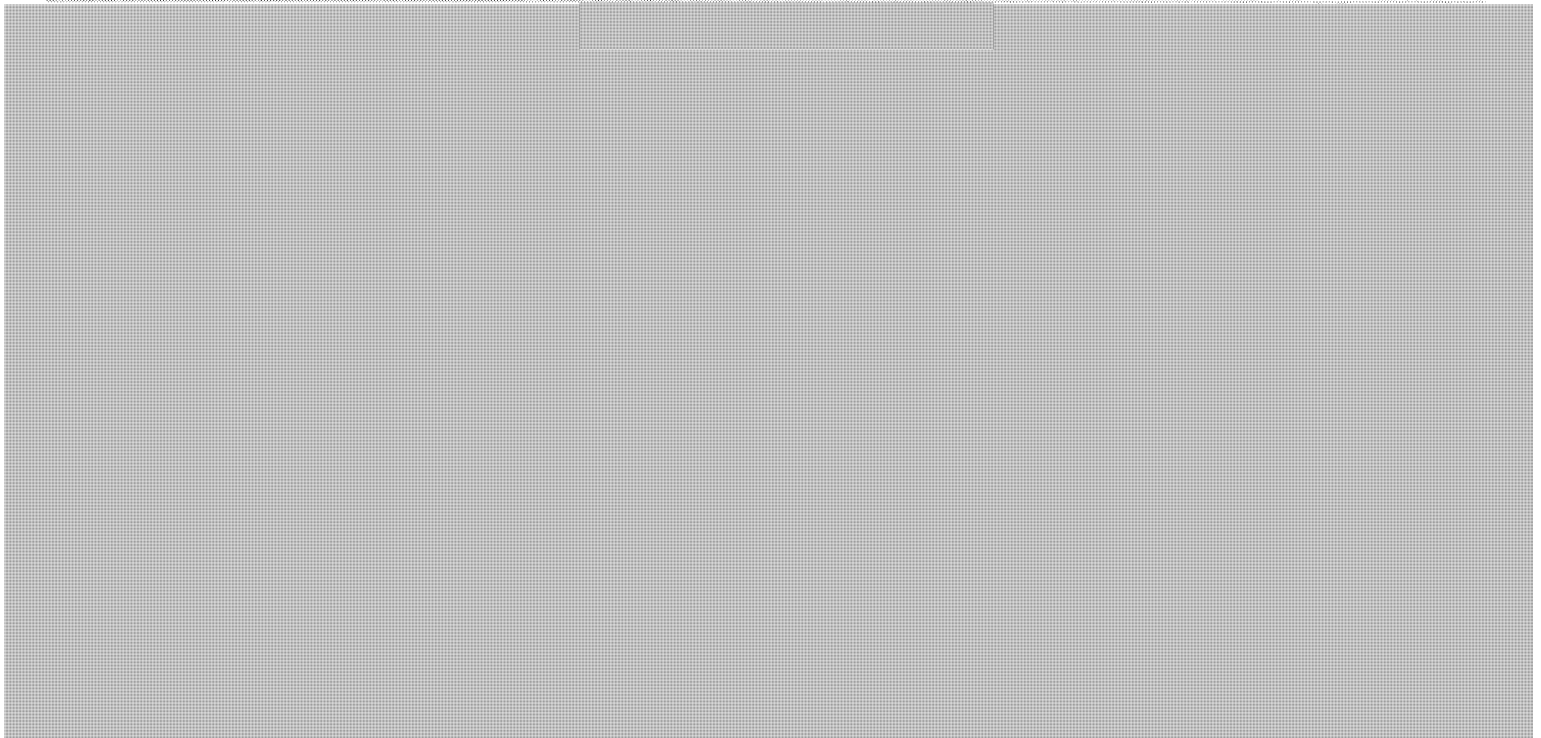
Hey Bret,

This was the most updated Wildlife Response Plan that we received (version 2, sent this morning).

I'm not sure if another update will be coming or not, but Graham is passing along the comments I sent earlier this afternoon.

Any questions or comments of interest from management on your side?

Cheers, Kyle



**Pages 315 to / à 316
are withheld pursuant to section
sont retenues en vertu de l'article**

24(1)

**of the Access to Information Act
de la Loi sur l'accès à l'information**

**Pages 317 to / à 326
are withheld pursuant to sections
sont retenues en vertu des articles**

20(1)(b), 24(1)

**of the Access to Information Act
de la Loi sur l'accès à l'information**

Fennelly, Stephanie

From: Yard, David C
Sent: Monday, November 19, 2018 3:11 PM
To: Miller, Anne
Subject: FW: activation of the MOU between Canada Coast Guard and CNLOPB
Attachments: Memorandum of Understanding Between C-NLOPB and CCG - 2014-06-18.pdf

Importance: High

Hi Anne,

The board would like to formally request to activate the MOU for CCGs assistance of the ongoing incident.

Next requests from the board outside of the aerial surveillance will likely to provide advice on the response plan for the incident once they receive it from the operator (Husky Energy). Expected to have a plan for review tomorrow.

If you / Brian in agreement we can send response back to Board that the MOU is activated.

Thanks talk to you later

David

David Yard
Superintendent Environmental Response
Surintendant Intervention Environnementale
CCG Atlantic/GCC Atlantique
(709) 772-6338
[REDACTED] blackberry
David.Yard@dfo-mpo.gc.ca

From: Crann, Larry
Sent: November-19-18 3:01 PM
To: Yard, David C
Subject: FW: activation of the MOU between Canada Coast Guard and CNLOPB

David,

Activation of the MOU between CCG and CNLOPB

Larry Crann
A/Deputy Superintendent | Surintendant Adjoint
Environmental Response | Intervention Environnementale
Canadian Coast Guard | Garde côtière canadienne
P.O. Box 5667 St. John's, NL A1C 5X1 | C.P. 5667 Saint Jean, T-N A1C 5X1
Larry.Crann@dfo-mpo.gc.ca
Telephone | Téléphone 709-772-3280
Facsimile | Télécopieur 709-772-4066

Cell | Cell [REDACTED]
Government of Canada | Gouvernement du Canada

From: Okeefe, Jeff [mailto:JOkeefe@cnlopbc.ca]
Sent: November-19-18 2:55 PM
To: Crann, Larry
Cc: Young, Elizabeth; Gover, Susan; Murphy, Tim
Subject: activation of the MOU between Canada Coast Guard and CNLOPB

Larry

As per section 3.0 of the above MOU, this is a formal request for assistance, coordination and support for the Husky spill incident of Friday November 16, 2018

3.0 Requests for Assistance, Coordination and Cooperation in Response Operations
During an Emergency Situation

3.1. As described in relevant CCG marine spills contingency plans, marine spill response services could be provided by CCG to the Board in their capacity as a Resource Agency, upon formal request for assistance by the Board's Chief Conservation Officer.

3.2. CCG assistance may include advisory services, technical support, monitoring and surveillance, equipment or personnel, for the purposes of responding to an oil pollution incident in the offshore upon the request of the Board. Examples of requests for assistance from the Board include, but are not limited to the following:

- 3.2.1. Spill response plan review at request of the Board;
- 3.2.2. Review and provision of advice on emergency preparedness;
- 3.2.3. Operational advice to, and liaison with, staff of the Board via phone, email, or onsite at Board offices regarding spill response activities, as part of monitoring of an operator's spill response; and,
- 3.2.4. Operational field monitoring and/or surveillance or active response operations by CCG on behalf of the Board.

Regards
Jeff O'Keefe
Chief conservation Officer
C-NLOPB

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Annibalini, Sara

From: Salem, Ann-Margaret
Sent: Monday, November 19, 2018 11:01 AM
To: Smith, Fiona; Whiffen, Sam; Dunderdale, Sara
Cc: Trudeau, Miriam; Sloan, Glen
Subject: RE: Ann - help please! more work for Searose today
Attachments: ML-Oil Spill Husky Sea Rose_MO.DOCX

Hello,

Please find attached for your information NRCan's approved media lines regarding the SeaRose oil spill. They have no information about potential closures of other platforms, but will keep us posted.

Thanks,


Ann-Margaret Salem
 Senior Communications Advisor | Conseillère principale en communications
 Public Affairs and Strategic Communications Directorate | Direction des affaires publiques et des
 communications stratégiques
 Canadian Coast Guard | Garde Côtière Canadienne
 Fisheries and Oceans Canada | Pêches et Océans Canada
 200 rue Kent Street Room | Pièce : 14E209
 Ottawa, Ontario K1A 0E6
 Phone | Téléphone: (613) 608-9605

From: Smith, Fiona
Sent: November-19-18 9:30 AM
To: Salem, Ann-Margaret
Cc: Trudeau, Miriam; Sloan, Glen; Whiffen, Sam; Dunderdale, Sara
Subject: Ann - help please! more work for Searose today
Importance: High

Ann – can you pls contact NRCan comms (Micheline?) on this? Make sure you CC Glen ☺.

1. Frank has said he will share lines with NRCan media relations (also below for info)
2. Apparently all of the platforms out there are going to be shut down because of the weather. This could have economic impact on prov and fed revenues ... does NRCan have lines on this? It would be good to have for info only – we would not speak to it.

F

Fiona Smith
 Senior Communications Advisor | Conseillère principale en communications
 Canadian Coast Guard | Garde côtière canadienne
 Communications Directorate | Direction générale des communications
 Fisheries and Oceans Canada | Pêches et Océans Canada
NEW BB: 

Issue:

At 15:30 on Friday November 16, the SeaRose oil production platform (FPSO) reported losing approximately 250 cubic metres of crude as they resumed operations after inclement weather in Newfoundland. A surveillance flight late Friday afternoon observed 3 cubic meters of crude on the surface over 168 sq kilometers. Husky Energy has stood up their response center and the Eastern Canada Response Corporation has been activated. They are conducting an assessment and developing a response plan. Coast Guard remains in contact with the Canada-Newfoundland and Labrador Offshore Petroleum Board and Environment and Climate Change Canada, and participated in a surveillance flight that took place Saturday, November 17 at 11:00am. There is another flight planned for Sunday, November 18.

Approach:

Request for interview from CBC NL national reporter [REDACTED] on the Coast Guard's role.

Proposed spokesperson: David Yard, Superintendent of Environmental Response

Media Lines:

- The Canadian Coast Guard received a report at 15:30 on November 16 that the SeaRose FPSO, a floating oil production, storage and offloading vessel owned and operated by Husky Oil Operations Ltd., had lost crude in the White Rose Oil Field 350 kilometres off the coast of Newfoundland.
- The Canadian Coast Guard is in contact with the Canada-Newfoundland and Labrador Offshore Petroleum Board and Environment and Climate Change Canada as Husky conducts an assessment and implements its response plan.
- The Canadian Coast Guard participated in a surveillance flight on Saturday morning along with Eastern Canada Response Corporation representatives to assess the situation.
- We will continue to monitor the incident and will stay in close contact with the Canada-Newfoundland and Labrador Offshore Petroleum Board as the assessment and response plan progresses.

Responsive only:

- The Canadian Coast Guard is not leading the response to this incident, but we are providing full support to the Canada-Newfoundland and Labrador Offshore Petroleum Board and all response partners.
- The Coast Guard has environmental response personnel and equipment that was recently upgraded under the Ocean's Protection Plan standing by to help if requested.
- For information on the amount of oil lost please contact Husky Oil or the Canada-Newfoundland and Labrador Offshore Petroleum Board.

November 17, 2018

Media Lines

Offshore Oil Spill - Husky SeaRose

Issue:

On November 16, Husky Energy reported a spill from its South White Rose Extension drill centre (part of the *SeaRose* FPSO) approximately 350 km southeast from St. John's. Initial estimates from Husky are that 1,500 barrels of oil were released to the environment. There were no injuries. Production operations had been suspended and all wells are in a safe state as Husky investigates the cause of the spill. Production operations will not resume until it is safe to do so and until Husky has received approval from the C-NLOPB.

The Department has been in close contact with the C-NLOPB, and the National Environmental Emergencies Centre, Environment and Climate Change Canada and the Canadian Coast Guard have been notified. Current conditions offshore preclude the safe deployment of on-water response to the spill.

Key Messages:

- The Government of Canada is aware of the incident and is monitoring the situation.
- The Canada-Newfoundland and Labrador Offshore Petroleum Board is the lead agency for offshore emergency response.
- They are working closely with Husky and Eastern Canada Response Corporation (ECRC) to determine the cause, extent and response to the spill.
- The Coast Guard and National Environmental Emergencies Centre have been notified and are available to support monitoring and response efforts, as required.
- An ECRC wildlife monitor is on route to the site to advise on potential effects and response efforts.
- Offshore installations and the equipment and training required to operate them must meet strict regulatory standards that are among the highest in the world.
- The Government of Canada has full confidence in the Canada-Newfoundland and Labrador Offshore Petroleum Board and its ability to ensure safety and environmental protection.

November 17, 2018

Background:

Discovered in 1984, the main White Rose field is located approximately 350 kilometres east of St. John's, on the eastern edge of the Jeanne d'Arc Basin. Commercial oil production from the White Rose field began on November 12, 2005.

Media Enquiries: 343-292-6100

Spokesperson: Tim Gardiner, Director General, Energy Sector, 343-292-6165

Prepared by: Eric Burpee, Senior Communications Advisor, CPS, 613-894-7650

Approved by: MinO

Pilgrim, Bret

From: Thomas, Graham (EC) <graham.thomas@canada.ca>
Sent: November-19-18 3:21 PM
To: Wilhelm, Sabina (EC); Ronconi, Robert (EC); Whittam, Becky (EC); Matheson, Kyle;
Pilgrim, Bret
Subject: daily meetings/updates from Husky Energy

The C-NLOPB are discussing with Husky Energy organizing daily meetings/updates for ECCC-CWS and DFO at the same time, you both are raising similar questions from separate mandates. C-NLOPB would attend as well as the Lead Agency.

Graham Thomas

Senior Officer, Preparedness and Response – Atlantic
National Environmental Emergencies Centre (NEEC) - Mount Pearl Office
Environmental Protection Operations Directorate
Environment and Climate Change Canada / Government of Canada
graham.thomas@canada.ca / Tel: 709-772-4285 / Cell : [REDACTED] / **Emergencies 24/7 : 1-866-283-2333**

Agent principal, Préparation et intervention – Atlantique
Centre national des urgences environnementales (CNUÉ) - Bureau de Mount Pearl
Direction des activités de protection de l'environnement
Environnement et Changement climatique Canada / Gouvernement du Canada
graham.thomas@canada.ca / Tél. : 709-772-4285 / Cell : [REDACTED] / **Urgences 24/7 : 1-866-283-2333**

Kelly, Jason

From: Kelly, Jason
Sent: November-19-18 10:45 AM
To: Edison, Margo
Subject: RE: Env Response

Sounds good. I bumped into Tilman and he mentioned he spoke to you

jason

From: Edison, Margo
Sent: November-19-18 10:41 AM
To: Kelly, Jason
Subject: RE: Env Response

Good day Jas,
Yes, that would be dandy!

I stopped into Tilman's office a bit earlier cause Ray was planning on sending clarification to Jackie. We just had a brief chat but I agree, it would be great if I could get you to explain it to me as well.

Thanks
Margo

From: Kelly, Jason
Sent: Monday, November 19, 2018 10:35 AM
To: Edison, Margo <Margo.Edison@dfo-mpo.gc.ca>
Subject: Env Response
Importance: High

Hey Margo

I can give you an overview of our env response/procedures when you have time today. Also I have left a message with the Environmental Director with the C-NLOPB to get an update on the Husky situation and next steps. I will provide that once I speak to her

jason

Jason Kelly

A/ Manager – Regulatory Review
Fisheries Protection Program, Ecosystems Management Branch
Fisheries and Oceans Canada, Government of Canada
P.O. Box 5667, St. John's, NL A1C 5X1
Ph: (709) 772-4126
Email: jason.kelly@dfo-mpo.gc.ca

Whiffen, Sam

From: Whiffen, Sam
Sent: November-19-18 10:22 AM
To: Dunderdale, Sara
Subject: FW: For approval - response media query - Searose oil field spill, NL

From: Whiffen, Sam
Sent: November-19-18 10:22 AM
To: Smith, Fiona; Stanek, Frank; Sloan, Glen
Cc: Trudeau, Miriam
Subject: RE: For approval - response media query - Searose oil field spill, NL

CCG environmental response is providing support/advice to the leads (CNLOPB and the ECRC). Our federal partner ECCC is doing the same through its science expertise.

Can we confirm whether we can make a spokes available?

From: Smith, Fiona
Sent: November-19-18 10:14 AM
To: Stanek, Frank; Sloan, Glen; Whiffen, Sam
Cc: Trudeau, Miriam
Subject: FW: For approval - response media query - Searose oil field spill, NL

Frank – NRCan is federal lead.

Fiona Smith

Senior Communications Advisor | Conseillère principale en communications

Canadian Coast Guard | Garde côtière canadienne

NEW BB 

From: Lubczuk, Jocelyn
Sent: November-19-18 8:43 AM
To: Stanek, Frank
Cc: Des Rosiers, Marie-Pascale; Mitchell, Laura; Young, George; O'Grady, Samantha; Tran, Thi; Choeurng, Stephanie; Windsor, Victoria; O'Halloran, Mark; Kahn, Zoe; Jarjour, Jasmine; Hirani, Samia; Butcher, Ashley; Turple, Justin; Belle-Isle, Alain; Hubley, Marian; Trudeau, Miriam; Smith, Fiona; Sloan, Glen; Mackenzie, Joey; Lebel, Mathieu; Bisailon, Annie; Olson, Kathleen; Lockhart, Tara; Saindon, Carole; Mayrand, Benoit; NCR Media RCN (DFO/MPO); Whiffen, Sam; Dunderdale, Sara
Subject: RE: For approval - response media query - Searose oil field spill, NL

Thanks! Is CCG the lead Federal agency on this file?

Can we add a value statement up front?

Thanks,

Jocelyn Lubczuk

Press Secretary

Fisheries, Oceans and the Canadian Coast Guard

Jocelyn.lubczuk@dfo-mpo.gc.ca

343 548 7863

From: Stanek, Frank**Sent:** Monday, November 19, 2018 8:40 AM**To:** Lubczuk, Jocelyn <Jocelyn.Lubczuk@dfo-mpo.gc.ca>

Cc: Des Rosiers, Marie-Pascale <Marie-Pascale.DesRosiers@dfo-mpo.gc.ca>; Mitchell, Laura <Laura.Mitchell@dfo-mpo.gc.ca>; Young, George <George.Young@dfo-mpo.gc.ca>; O'Grady, Samantha <Samantha.O'grady@dfo-mpo.gc.ca>; Tran, Thi <Thi.Tran@dfo-mpo.gc.ca>; Choeurng, Stephanie <Stephanie.Choeurng@dfo-mpo.gc.ca>; Windsor, Victoria <Victoria.Windsor@dfo-mpo.gc.ca>; O'Halloran, Mark <Mark.O'Halloran@dfo-mpo.gc.ca>; Kahn, Zoe <Zoe.Kahn@dfo-mpo.gc.ca>; Jarjour, Jasmine <Jasmine.Jarjour@dfo-mpo.gc.ca>; Hirani, Samia <Samia.Hirani@dfo-mpo.gc.ca>; Butcher, Ashley <Ashley.Butcher@dfo-mpo.gc.ca>; Turple, Justin <Justin.Turple@dfo-mpo.gc.ca>; Belle-Isle, Alain <Alain.Belle-Isle@dfo-mpo.gc.ca>; Hubley, Marian <Marian.Hubley@dfo-mpo.gc.ca>; Trudeau, Miriam <Miriam.Trudeau@dfo-mpo.gc.ca>; Smith, Fiona <Fiona.Smith@dfo-mpo.gc.ca>; Sloan, Glen <Glen.Sloan@dfo-mpo.gc.ca>; Mackenzie, Joey <Joey.Mackenzie@dfo-mpo.gc.ca>; Lebel, Mathieu <Mathieu.Lebel@dfo-mpo.gc.ca>; Bisailon, Annie <Annie.Bisailon@dfo-mpo.gc.ca>; Olson, Kathleen <Kathleen.Olson@dfo-mpo.gc.ca>; Lockhart, Tara <Tara.Lockhart@dfo-mpo.gc.ca>; Saindon, Carole <Carole.Saindon@dfo-mpo.gc.ca>; Mayrand, Benoit <Benoit.Mayrand@dfo-mpo.gc.ca>; NCR Media RCN (DFO/MPO) <Media.XNCR@dfo-mpo.gc.ca>; Whiffen, Sam <Sam.Whiffen@dfo-mpo.gc.ca>; Dunderdale, Sara <Sara.Dunderdale@dfo-mpo.gc.ca>

Subject: For approval - response media query - Searose oil field spill, NL**Importance:** High

Issue: [REDACTED] CBC, News [REDACTED] requesting an interview concerning the oil spill which occurred at the SeaRose FPSO in the White Rose oilfield off Newfoundland on Friday with a member of the team charged with overseeing/monitoring this incident on behalf of Coast Guard. We would like to know what the current situation is as there is great public interest in this story, given that it is the largest oil spill in the history of the Newfoundland offshore.

Deadline: 9:45 a.m.**Background:**

At 15:30 on Friday November 16, the SeaRose oil production platform (FPSO) reported losing approximately 250 cubic metres of crude as they resumed operations after inclement weather in Newfoundland. A surveillance flight late Friday afternoon observed 3 cubic meters of crude on the surface over 168 sq kilometers. Husky Energy has stood up their response center and the Eastern Canada Response Corporation has been activated. They are conducting an assessment and developing a response plan. Coast Guard remains in contact with the Canada-Newfoundland and Labrador Offshore Petroleum Board

Recommendation: provide written response**Approved by:** The Commissioner's Office**Media Lines:**

- The Canadian Coast Guard received a report at 15:30 on November 16 that the SeaRose FPSO, a floating oil production, storage and offloading vessel owned and operated by Husky Oil Operations Ltd., had lost crude in the White Rose Oil Field 350 kilometres off the coast of Newfoundland.
- The Canadian Coast Guard is in contact with the Canada-Newfoundland and Labrador Offshore Petroleum Board and Environment and Climate Change Canada as Husky conducts an assessment and implements its response plan.

- The Canadian Coast Guard participated in a surveillance flight on Saturday morning along with Eastern Canada Response Corporation representatives to assess the situation.
- We will continue to monitor the incident and will stay in close contact with the Canada-Newfoundland and Labrador Offshore Petroleum Board as the assessment and response plan progresses.

Responsive only:

- The Canadian Coast Guard is not leading the response to this incident, but we are providing full support to the Canada-Newfoundland and Labrador Offshore Petroleum Board and all response partners.
- The Coast Guard has environmental response personnel and equipment that was recently upgraded under the Oceans Protection Plan standing by to help if requested.
- For information on the amount of oil lost please contact Husky Oil or the Canada-Newfoundland and Labrador Offshore Petroleum Board.

Whiffen, Sam

From: Whiffen, Sam
Sent: November-19-18 9:13 AM
To: Yard, David C (David.Yard@dfo-mpo.gc.ca); Crann, Larry
Subject: FOR REVIEW: Offshore oil release

David, Larry,

Here's the inquiry. I wanted to add a line, to the lines that circulated yesterday, that directly states that CNLOPB is the lead. Please review, make any changes and I will pass along to the rest.

Thanks

Sam

INQUIRY

She is preparing a story today (Monday) about the oil release, on Friday, at the Sea Rose floating production storage and offloading (FPSO) vessel at the White Rose oil and gas field about 350 kilometres southeast off Newfoundland. The reporter has indicated that she has an interview scheduled with the Chair and Chief Executive Officer of the Canada-Newfoundland and Labrador Offshore Petroleum Board (C-NLOPB). She is requesting an interview with Coast Guard to ask about our role in this incident.

BACKGROUND

At 15:30 on Friday November 16, the Sea Rose FPSO reported losing approximately 250 cubic meters of crude as it resumed operations after a severe storm had affected the area. A surveillance flight late Friday afternoon observed 3 cubic meters of crude on the surface over 168 square kilometers. Husky Energy has stood up their pollution response center and the Eastern Canada Response Corporation (ECRC) has been activated. They are conducting an assessment and developing a response plan. Coast Guard remains in contact with the CNLOPB and ECRC, and have participated in the surveillance flights.

Operation information that can be provided

- The Canadian Coast Guard received a report Friday afternoon, November 16, that the Sea Rose floating production storage and offloading (FPSO) off the coast of Newfoundland had lost approximately 250 cubic meters of crude.
- The Canadian Coast Guard is in contact with the Canada-Newfoundland and Labrador Offshore Petroleum Board (C-NLOPB) and the Eastern Canada Response Corporation (ECRC) as Husky Energy conducts an assessment and implements its response plan.
- The Canada-Newfoundland Offshore Petroleum Board is the lead regulatory authority for oil exploration and development in the Newfoundland and Labrador offshore area.
- The Canadian Coast Guard is providing support. We participated in surveillance flights along with ECRC representatives to assess the situation, and we will continue to monitor the incident and will stay in close contact with the CNLOPB as the assessment and response plan progress.

Spokesperson(s)

David Yard, CCG Atlantic ER

Larry Crann, CCG Atlantic ER

Sam Whiffen
Communications Advisor
Fisheries, Oceans and the Canadian Coast Guard
709-772-7631

Whiffen, Sam

From: Whiffen, Sam
Sent: November-19-18 10:37 AM
To: Trudeau, Miriam; Stanek, Frank; Smith, Fiona; Sloan, Glen; NCR Media RCN (DFO/MPO);
Salem, Ann-Margaret
Cc: Dunderdale, Sara
Subject: RE: Lines on Spill offshore NLii

Our request is.... what is CCG's role? Would NRCAN answer that?

From: Trudeau, Miriam
Sent: November-19-18 10:36 AM
To: Whiffen, Sam; Stanek, Frank; Smith, Fiona; Sloan, Glen; NCR Media RCN (DFO/MPO); Salem, Ann-Margaret
Cc: Dunderdale, Sara
Subject: Re: Lines on Spill offshore NLii

Folks, I am still at CCG OPS. Are we offering a spokes or we are referring all interview request to NRCAN?

Sent from my BlackBerry 10 smartphone on the Bell network.

From: Trudeau, Miriam
Sent: Monday, November 19, 2018 8:54 AM
To: Whiffen, Sam; Stanek, Frank; Smith, Fiona; Sloan, Glen; NCR Media RCN (DFO/MPO); Salem, Ann-Margaret
Cc: Dunderdale, Sara
Subject: Re: Lines on Spill offshore NLii

Thanks! [REDACTED]
[REDACTED]
[REDACTED]

Miriam

Sent from my BlackBerry 10 smartphone on the Bell network.

From: Whiffen, Sam
Sent: Monday, November 19, 2018 8:41 AM
To: Trudeau, Miriam; Stanek, Frank; Smith, Fiona; Sloan, Glen; NCR Media RCN (DFO/MPO); Salem, Ann-Margaret
Cc: Dunderdale, Sara
Subject: RE: Lines on Spill offshore NLii

We have a spokes David Yard, Super of ER Atlantic

From: Trudeau, Miriam
Sent: November-19-18 10:11 AM
To: Stanek, Frank; Smith, Fiona; Whiffen, Sam; Sloan, Glen; NCR Media RCN (DFO/MPO); Salem, Ann-Margaret
Cc: Dunderdale, Sara
Subject: Re: Lines on Spill offshore NLii

Do we have a spokes lined up for the interview request? Or do we only send lines?

Sent from my BlackBerry 10 smartphone on the Bell network.

From: Stanek, Frank

Sent: Monday, November 19, 2018 8:03 AM

To: Smith, Fiona; Whiffen, Sam; Sloan, Glen; Trudeau, Miriam; NCR Media RCN (DFO/MPO); Salem, Ann-Margaret

Cc: Dunderdale, Sara

Subject: Re: Lines on Spill offshore NLii

In transit. Will send up when I get to the office.

Frank

Sent from my BlackBerry 10 smartphone on the Rogers network.

From: Smith, Fiona

Sent: Monday, November 19, 2018 7:59 AM

To: Whiffen, Sam; Sloan, Glen; Trudeau, Miriam; Stanek, Frank; NCR Media RCN (DFO/MPO); Salem, Ann-Margaret

Cc: Dunderdale, Sara

Subject: RE: Lines on Spill offshore NL

Glen and Sam – I was on a different call with Wade and Julie who just suggested referencing recent upgrades under OPP for this ... I've added a couple of words below

Fiona Smith

Senior Communications Advisor | Conseillère principale en communications

Canadian Coast Guard | Garde côtière canadienne

NEW BB: 

Issue:

At 15:30 on Friday November 16, the SeaRose oil production platform (FPSO) reported losing approximately 250 cubic metres of crude as they resumed operations after inclement weather in Newfoundland. A surveillance flight late Friday afternoon observed 3 cubic meters of crude on the surface over 168 sq kilometers. Husky Energy has stood up their response center and the Eastern Canada Response Corporation has been activated. They are conducting an assessment and developing a response plan. Coast Guard remains in contact with the Canada-Newfoundland and Labrador Offshore Petroleum Board and Environment and Climate Change Canada, and participated in a surveillance flight that took place Saturday, November 17 at 11:00am. There is another flight planned for Sunday, November 18.

Approach:

To date there have been no media inquiries for the CCG. We will continue to monitor and provide reactive responses.

Media Lines:

- The Canadian Coast Guard received a report at 15:30 on November 16 that the SeaRose FPSO, a floating oil production, storage and offloading vessel owned and operated by Husky Oil Operations Ltd., had lost crude in the White Rose Oil Field 350 kilometres off the coast of Newfoundland.
- The Canadian Coast Guard is in contact with the Canada-Newfoundland and Labrador Offshore Petroleum Board and Environment and Climate Change Canada as Husky conducts an assessment and implements its response plan.
- The Canadian Coast Guard participated in a surveillance flight on Saturday morning along with Eastern Canada Response Corporation representatives to assess the situation.
- We will continue to monitor the incident and will stay in close contact with the Canada-Newfoundland and Labrador Offshore Petroleum Board as the assessment and response plan progresses.

Responsive only:

- The Canadian Coast Guard is not leading the response to this incident, but we are providing full support to the Canada-Newfoundland and Labrador Offshore Petroleum Board and all response partners.
- The Coast Guard has environmental response personnel and equipment that was recently upgraded under the Ocean's Protection Plan standing by to help if requested.
- For information on the amount of oil lost please contact Husky Oil or the Canada-Newfoundland and Labrador Offshore Petroleum Board.

Sent from my BlackBerry 10 smartphone on the Bell network.

From: Whiffen, Sam
Sent: Monday, November 19, 2018 7:16 AM
To: Trudeau, Miriam; Sloan, Glen; Stanek, Frank; NCR Media RCN (DFO/MPO)
Cc: Dunderdale, Sara
Subject: RE: Lines on Spill offshore NL

Good morning,
CNLOPB is the lead agency on the NL offshore. Similar to what we would be if this were a ship-source pollution incident. CCG is providing support and advice to the lead agency. In this case, at this time, our support is through aerial surveillance of the area.

Someone from ER NL program likely would be the spokesperson unless otherwise decided.

From: Trudeau, Miriam
Sent: November-19-18 8:31 AM
To: Whiffen, Sam; Dunderdale, Sara; Sloan, Glen; Stanek, Frank; NCR Media RCN (DFO/MPO)
Subject: Re: Lines on Spill offshore NL
Importance: High

Thanks Sam. Looping in media relations.

Sam, do you know who will be spokes?

Media relations, do you know if MLS were approved?

Miriam

Sent from my BlackBerry 10 smartphone on the Bell network.

From: Whiffen, Sam
Sent: Monday, November 19, 2018 6:23 AM
To: Dunderdale, Sara; Sloan, Glen
Cc: Trudeau, Miriam
Subject: Lines on Spill offshore NL

FYI We have an inquiry from CBC asking about CCG role in this incident. She is requesting an interview for today (Monday).

Sent from my BlackBerry 10 smartphone on the Bell network.

From: Dunderdale, Sara
Sent: Saturday, November 17, 2018 6:15 PM
To: Sloan, Glen
Cc: Whiffen, Sam; Trudeau, Miriam
Subject: Fw: Approved: For approval: Lines on Spill

Hi Glen - over to you!

Sent from my BlackBerry 10 smartphone on the Bell network.

From: White, Ann-Margaret <Ann-Margaret.White@dfo-mpo.gc.ca>
Sent: Saturday, November 17, 2018 6:14 PM
To: Dunderdale, Sara
Cc: Whiffen, Sam; Vardy, Harvey
Subject: Approved: For approval: Lines on Spill

Approved, thanks.

AM White

From: Dunderdale, Sara
Sent: Saturday, November 17, 2018 6:02 PM
To: White, Ann-Margaret
Cc: Whiffen, Sam; Vardy, Harvey
Subject: Re: For approval: Lines on Spill

Updated

Sent from my BlackBerry 10 smartphone on the Bell network.

From: Dunderdale, Sara
Sent: Saturday, November 17, 2018 3:49 PM
To: White, Ann-Margaret
Cc: Whiffen, Sam; Vardy, Harvey
Subject: For approval: Lines on Spill

Sent from my BlackBerry 10 smartphone on the Bell network.

Hi Ann Margaret,

For approval - see below. These have been reviewed by Dave, Bob and Larry and approved by Harvey.

Once approved I will send to NHQ for approval.

Issue:

At 15:30 on Friday November 16, the SeaRose FPSO reported losing approximately 250 cubic meters of crude as they resumed operations after inclement weather in Newfoundland. A surveillance flight late Friday afternoon observed 3 cubic meters of crude on the surface over 168 sq kilometers. Husky Energy has stood up their response center and the ECRC has been activated. They are conducting an assessment and developing a response plan. CCG remains in contact with the CNLOPB and ECCC, and have participated in the surveillance flight that took place Saturday, November 17 at 11:00am. There is another flight planned for tomorrow.

Approach:

To date there have been no media inquiries for the CCG. We will continue to monitor and provide reactive responses.

Media Lines:

- The Canadian Coast Guard received a report at 15:30 on November 16 that the Searose FPSO off the coast of Newfoundland had lost approximately 250 cubic meters of crude.
- The Canadian Coast Guard is in contact with the CNLOPB and ECCC as Husky Energy conducts an assessment and implements it's response plan.
- The Canadian Coast Guard participated in a surveillance flight at 11am this morning along with the RO ECRC representatives to assess the situation.

- We will continue to monitor the incident and will stay in close contact with the CNLOPB as the assessment and response plan progress.

Sent from my BlackBerry 10 smartphone on the Bell network.

Whiffen, Sam

From: Whiffen, Sam
Sent: November-19-18 9:29 AM
To: Smith, Fiona; Sloan, Glen; Trudeau, Miriam; Stanek, Frank; NCR Media RCN (DFO/MPO);
Salem, Ann-Margaret
Cc: Dunderdale, Sara
Subject: RE: Lines on Spill offshore NL

certainly

From: Smith, Fiona
Sent: November-19-18 9:23 AM
To: Whiffen, Sam; Sloan, Glen; Trudeau, Miriam; Stanek, Frank; NCR Media RCN (DFO/MPO); Salem, Ann-Margaret
Cc: Dunderdale, Sara
Subject: RE: Lines on Spill offshore NL

Sam – please wait for MINO approval

Fiona Smith

Senior Communications Advisor | Conseillère principale en communications
Canadian Coast Guard | Garde côtière canadienne

NEW BB: 

From: Whiffen, Sam
Sent: November-19-18 7:46 AM
To: Sloan, Glen; Trudeau, Miriam; Stanek, Frank; NCR Media RCN (DFO/MPO); Smith, Fiona; Salem, Ann-Margaret
Cc: Dunderdale, Sara
Subject: RE: Lines on Spill offshore NL

Thanks Glen, I'll circulate to program here.

From: Sloan, Glen
Sent: November-19-18 8:55 AM
To: Whiffen, Sam; Trudeau, Miriam; Stanek, Frank; NCR Media RCN (DFO/MPO); Smith, Fiona; Salem, Ann-Margaret
Cc: Dunderdale, Sara
Subject: Re: Lines on Spill offshore NL

I just re-sent the lines to CO. He approved them yesterday but wanted a few additions. I made the changes and he had no further comments other than removing the reference to the volume of the spill.

Revised lines are below. These can go to MINO.

Glen

Issue:

At 15:30 on Friday November 16, the SeaRose oil production platform (FPSO) reported losing approximately 250 cubic metres of crude as they resumed operations after inclement weather in

Newfoundland. A surveillance flight late Friday afternoon observed 3 cubic meters of crude on the surface over 168 sq kilometers. Husky Energy has stood up their response center and the Eastern Canada Response Corporation has been activated. They are conducting an assessment and developing a response plan. Coast Guard remains in contact with the Canada-Newfoundland and Labrador Offshore Petroleum Board and Environment and Climate Change Canada, and participated in a surveillance flight that took place Saturday, November 17 at 11:00am. There is another flight planned for Sunday, November 18.

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- The Coast Guard has environmental response personnel and equipment standing by to help if requested.
- For information on the amount of oil lost please contact Husky Oil or the Canada-Newfoundland and Labrador Offshore Petroleum Board.

Sent from my BlackBerry 10 smartphone on the Bell network.

From: Whiffen, Sam

Sent: Monday, November 19, 2018 7:16 AM

To: Trudeau, Miriam; Sloan, Glen; Stanek, Frank; NCR Media RCN (DFO/MPO)

Cc: Dunderdale, Sara

Subject: RE: Lines on Spill offshore NL

Good morning,

CNLOPB is the lead agency on the NL offshore. Similar to what we would be if this were a ship-source pollution incident. CCG is providing support and advice to the lead agency. In this case, at this time, our support is through aerial surveillance of the area.

Someone from ER NL program likely would be the spokesperson unless otherwise decided.

From: Trudeau, Miriam

Sent: November-19-18 8:31 AM

To: Whiffen, Sam; Dunderdale, Sara; Sloan, Glen; Stanek, Frank; NCR Media RCN (DFO/MPO)

Subject: Re: Lines on Spill offshore NL

Importance: High

Thanks Sam. Looping in media relations.

Sam, do you know who will be spokes?

Media relations, do you know if MLS were approved? [REDACTED]

Miriam

Sent from my BlackBerry 10 smartphone on the Bell network.

From: Whiffen, Sam

Sent: Monday, November 19, 2018 6:23 AM

To: Dunderdale, Sara; Sloan, Glen

Cc: Trudeau, Miriam

Subject: Lines on Spill offshore NL

FYI We have an inquiry from CBC [REDACTED] asking about CCG role in this incident. She is requesting an interview for today (Monday).

Sent from my BlackBerry 10 smartphone on the Bell network.

From: Dunderdale, Sara

Sent: Saturday, November 17, 2018 6:15 PM

To: Sloan, Glen

Cc: Whiffen, Sam; Trudeau, Miriam

Subject: Fw: Approved: For approval: Lines on Spill

Hi Glen - over to you!

Sent from my BlackBerry 10 smartphone on the Bell network.

From: White, Ann-Margaret <Ann-Margaret.White@dfo-mpo.gc.ca>

Sent: Saturday, November 17, 2018 6:14 PM

To: Dunderdale, Sara

Cc: Whiffen, Sam; Vardy, Harvey

Subject: Approved: For approval: Lines on Spill

Approved, thanks.

AM White

From: Dunderdale, Sara
Sent: Saturday, November 17, 2018 6:02 PM
To: White, Ann-Margaret
Cc: Whiffen, Sam; Vardy, Harvey
Subject: Re: For approval: Lines on Spill

Updated

Sent from my BlackBerry 10 smartphone on the Bell network.

From: Dunderdale, Sara
Sent: Saturday, November 17, 2018 3:49 PM
To: White, Ann-Margaret
Cc: Whiffen, Sam; Vardy, Harvey
Subject: For approval: Lines on Spill

Sent from my BlackBerry 10 smartphone on the Bell network.

Hi Ann Margaret,

For approval - see below. These have been reviewed by Dave, Bob and Larry and approved by Harvey.

Once approved I will send to NHQ for approval.

Issue:

At 15:30 on Friday November 16, the SeaRose FPSO reported losing approximately 250 cubic meters of crude as they resumed operations after inclement weather in Newfoundland. A surveillance flight late Friday afternoon observed 3 cubic meters of crude on the surface over 168 sq kilometers. Husky Energy has stood up their response center and the ECRC has been activated. They are conducting an assessment and developing a response plan. CCG remains in contact with the CNLOPB and ECCC, and have participated in the surveillance flight that took place Saturday, November 17 at 11:00am. There is another flight planned for tomorrow.

Approach:

To date there have been no media inquiries for the CCG. We will continue to monitor and provide reactive responses.

Media Lines:

- The Canadian Coast Guard received a report at 15:30 on November 16 that the Searose FPSO off the coast of Newfoundland had lost approximately 250 cubic meters of crude.
- The Canadian Coast Guard is in contact with the CNLOPB and ECCC as Husky Energy conducts an assessment and implements its response plan.
- The Canadian Coast Guard participated in a surveillance flight at 11am this morning along with the RO ECRC representatives to assess the situation.
- We will continue to monitor the incident and will stay in close contact with the CNLOPB as the assessment and response plan progress.

Sent from my BlackBerry 10 smartphone on the Bell network.

LeBlanc, Brian (Acting AC, Atlantic Region)

From: Yard, David C
Sent: November 19, 2018 2:26 PM
To: Whiffen, Sam; LeBlanc, Brian (Executive Director, CCGC); Miller, Anne; Crann, Larry
Cc: Dunderdale, Sara
Subject: RE: MEDIA INQUIRY: CBC - offshore oil release

Couple of suggested changes

David Yard
Superintendent Environmental Response
Surintendant Intervention Environnementale
CCG Atlantic/GCC Atlantique
(709) 772-6338

 blackberry
David.Yard@dfo-mpo.gc.ca

From: Whiffen, Sam
Sent: November-19-18 2:06 PM
To: LeBlanc, Brian (Executive Director, CCGC); Miller, Anne; Yard, David C; Crann, Larry
Cc: Dunderdale, Sara
Subject: MEDIA INQUIRY: CBC - offshore oil release

Here are the approved media lines. We will provide these, via email, to the reporter shortly. If there is a factual error let me know.

- The Canada-Newfoundland and Labrador Offshore Petroleum Board is in contact with the Canadian Coast Guard, Natural Resources Canada and Environment and Climate Change Canada as Husky conducts an assessment and implements its response plan.
- The Canadian Coast Guard is not leading the response to this incident, but we are providing support to the Canada-Newfoundland and Labrador Offshore Petroleum Board as requested. ~~and all response partners~~
- The Canadian Coast Guard has participated in a surveillance flights chartered by the Board ~~on Saturday morning~~ along with Eastern Canada Response Corporation representatives to provide advice for the surveillance assessment.
- The Coast Guard has environmental response personnel and equipment that was recently upgraded under the Oceans Protection Plan standing by to help, if requested.

Sam

From: Whiffen, Sam
Sent: November-19-18 1:08 PM
To: LeBlanc, Brian (Executive Director, CCGC); Miller, Anne; Yard, David C (David.Yard@dfo-mpo.gc.ca); Crann, Larry
Cc: Dunderdale, Sara
Subject: UPDATE - MEDIA INQUIRY: CBC - offshore oil release

We are waiting on revised media lines and approach from NHQ. I will share once received. After some discussion, it looks as though we will opt to provide a written response to the reporter, instead of an interview at this time.

From: Whiffen, Sam
Sent: November-19-18 9:21 AM
To: LeBlanc, Brian (Executive Director, CCGC); Miller, Anne; Yard, David C (David.Yard@dfo-mpo.gc.ca); Crann, Larry
Cc: Dunderdale, Sara
Subject: UPDATE - MEDIA INQUIRY: CBC - offshore oil release

I have an update to the media lines. NHQ added some language at the bottom about CNLOPB leading role and CCG support.

INQUIRY

She is preparing a story today (Monday) about the oil release, on Friday, at the Sea Rose floating production storage and offloading (FPSO) vessel at the White Rose oil and gas field about 350 kilometres southeast off Newfoundland. The reporter has indicated that she has an interview scheduled with the Chair and Chief Executive Officer of the Canada-Newfoundland and Labrador Offshore Petroleum Board (C-NLOPB). She is requesting an interview with Coast Guard to ask about our role in this incident.

BACKGROUND

At 15:30 on Friday November 16, the Sea Rose FPSO reported losing approximately 250 cubic meters of crude as it resumed operations after a severe storm had affected the area. A surveillance flight late Friday afternoon observed 3 cubic meters of crude on the surface over 168 square kilometers. Husky Energy has stood up their pollution response center and the Eastern Canada Response Corporation (ECRC) has been activated. They are conducting an assessment and developing a response plan. Coast Guard remains in contact with the CNLOPB and ECRC, and have participated in the surveillance flights.

Operation information that can be provided

- The Canadian Coast Guard received a report at 15:30 on November 16 that the SeaRose FPSO, a floating oil production, storage and offloading vessel owned and operated by Husky Oil Operations Ltd., had lost crude in the White Rose Oil Field 350 kilometres off the coast of Newfoundland.
- The Canadian Coast Guard is in contact with the Canada-Newfoundland and Labrador Offshore Petroleum Board and Environment and Climate Change Canada as Husky conducts an assessment and implements its response plan.
- The Canadian Coast Guard participated in a surveillance flight on Saturday morning along with Eastern Canada Response Corporation representatives to assess the situation.
- We will continue to monitor the incident and will stay in close contact with the Canada-Newfoundland and Labrador Offshore Petroleum Board as the assessment and response plan progresses.

Responsive only:

- The Canadian Coast Guard is not leading the response to this incident, but we are providing full support to the Canada-Newfoundland and Labrador Offshore Petroleum Board and all response partners.
- The Coast Guard has environmental response personnel and equipment standing by to help if requested.
- For information on the amount of oil lost please contact Husky Oil or the Canada-Newfoundland and Labrador Offshore Petroleum Board.

Spokesperson(s)

David Yard, CCG Atlantic ER

Larry Crann, CCG Atlantic ER

Sam Whiffen
Communications Advisor
Fisheries, Oceans and the Canadian Coast Guard
709-772-7631

White, Ann-Margaret

From: LeBlanc, Brian (Executive Director, CCGC)
Sent: November-19-18 9:06 AM
To: Miller, Anne; Whiffen, Sam
Cc: White, Ann-Margaret; Yard, David C; Crann, Larry; Vardy, Harvey; Dunderdale, Sara;
Ruddock, Stella D; Kirby, Heather L
Subject: RE: Media Inquiry: Offshore NL spill

I agree, David.

Brian

From: Miller, Anne
Sent: Monday, November 19, 2018 9:03 AM
To: Whiffen, Sam <Sam.Whiffen@dfo-mpo.gc.ca>
Cc: LeBlanc, Brian (Executive Director, CCGC) <Brian.LebLANC@dfo-mpo.gc.ca>; White, Ann-Margaret <Ann-Margaret.White@dfo-mpo.gc.ca>; Yard, David C <David.Yard@dfo-mpo.gc.ca>; Crann, Larry <Larry.Crann@dfo-mpo.gc.ca>; Vardy, Harvey <Harvey.Vardy@dfo-mpo.gc.ca>; Dunderdale, Sara <Sara.Dunderdale@dfo-mpo.gc.ca>; Ruddock, Stella D <Stella.Ruddock@dfo-mpo.gc.ca>; Kirby, Heather L <Heather.Kirby@dfo-mpo.gc.ca>
Subject: Re: Media Inquiry: Offshore NL spill

I'd recommend David.

Sent from my iPhone

On Nov 19, 2018, at 7:26 AM, Whiffen, Sam <Sam.Whiffen@dfo-mpo.gc.ca> wrote:

We have an inquiry from CBC [REDACTED] asking about CCG role in this incident. She is requesting an interview for today (Monday).

Sent from my BlackBerry 10 smartphone on the Bell network.

From: Dunderdale, Sara <Sara.Dunderdale@dfo-mpo.gc.ca>
Sent: Saturday, November 17, 2018 6:02 PM
To: White, Ann-Margaret
Cc: Whiffen, Sam; Vardy, Harvey
Subject: Re: For approval: Lines on Spill

Updated

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Sent from my BlackBerry 10 smartphone on the Bell network.

Hi Ann Margaret,

For approval - see below. These have been reviewed by Dave, Bob and Larry and approved by Harvey.

Once approved I will send to NHQ for approval.

Issue:

At 15:30 on Friday November 16, the SeaRose FPSO reported losing approximately 250 cubic meters of crude as they resumed operations after inclement weather in Newfoundland. A surveillance flight late Friday afternoon observed 3 cubic meters of crude on the surface over 168 sq kilometers. Husky Energy has stood up their response center and the ECRC has been activated. They are conducting an assessment and developing a response plan. CCG remains in contact with the CNLOPB and ECCC, and have participated in the surveillance flight that took place Saturday, November 17 at 11:00am. There is another flight planned for tomorrow.

Approach:

To date there have been no media inquiries for the CCG. We will continue to monitor and provide reactive responses.

Media Lines:

- The Canadian Coast Guard received a report at 15:30 on November 16 that the Searose FPSO off the coast of Newfoundland had lost approximately 250 cubic meters of crude.

- The Canadian Coast Guard is in contact with the CNLOPB and ECCC as Husky Energy conducts an assessment and implements its response plan.

- The Canadian Coast Guard participated in a surveillance flight at 11am this morning along with the RO ECRC representatives to assess the situation.

- We will continue to monitor the incident and will stay in close contact with the CNLOPB as the assessment and response plan progress.

Sent from my BlackBerry 10 smartphone on the Bell network.

Dunderdale, Sara

From: Dunderdale, Sara
Sent: November-19-18 10:47 AM
To: Smith, Fiona; Stanek, Frank; Whiffen, Sam; Trudeau, Miriam; Sloan, Glen
Cc: NCR Media RCN (DFO/MPO); Saindon, Carole; Chow, Vance; Mayrand, Benoit
Subject: RE: Media interview: Lines on Spill offshore NL

FYI - This is the email that the CO approved. In it we said we would provide "reactive responses"

From: Sloan, Glen
Sent: November-19-18 8:55 AM
To: Whiffen, Sam; Trudeau, Miriam; Stanek, Frank; NCR Media RCN (DFO/MPO); Smith, Fiona; Salem, Ann-Margaret
Cc: Dunderdale, Sara
Subject: Re: Lines on Spill offshore NL

I just re-sent the lines to CO. He approved them yesterday but wanted a few additions. I made the changes and he had no further comments other than removing the reference to the volume of the spill.

Revised lines are below. These can go to MINO.
Glen

Issue:

At 15:30 on Friday November 16, the SeaRose oil production platform (FPSO) reported losing approximately 250 cubic metres of crude as they resumed operations after inclement weather in Newfoundland. A surveillance flight late Friday afternoon observed 3 cubic meters of crude on the surface over 168 sq kilometers. Husky Energy has stood up their response center and the Eastern Canada Response Corporation has been activated. They are conducting an assessment and developing a response plan. Coast Guard remains in contact with the Canada-Newfoundland and Labrador Offshore Petroleum Board and Environment and Climate Change Canada, and participated in a surveillance flight that took place Saturday, November 17 at 11:00am. There is another flight planned for Sunday, November 18.

Approach:

To date there have been no media inquiries for the CCG. We will continue to monitor and provide reactive responses.

Media Lines:

- The Canadian Coast Guard received a report at 15:30 on November 16 that the SeaRose FPSO, a floating oil production, storage and offloading vessel owned and operated by Husky Oil Operations Ltd., had lost crude in the White Rose Oil Field 350 kilometres off the coast of Newfoundland.
- The Canadian Coast Guard is in contact with the Canada-Newfoundland and Labrador Offshore Petroleum Board and Environment and Climate Change Canada as Husky conducts an assessment and implements its response plan.
- The Canadian Coast Guard participated in a surveillance flight on Saturday morning along with Eastern Canada Response Corporation representatives to assess the situation.
- We will continue to monitor the incident and will stay in close contact with the Canada-Newfoundland and Labrador Offshore Petroleum Board as the assessment and response plan progresses.

Responsive only:

- The Canadian Coast Guard is not leading the response to this incident, but we are providing full support to the Canada-Newfoundland and Labrador Offshore Petroleum Board and all response partners.

- The Coast Guard has environmental response personnel and equipment standing by to help if requested.
- For information on the amount of oil lost please contact Husky Oil or the Canada-Newfoundland and Labrador Offshore Petroleum Board.

From: Smith, Fiona
Sent: November-19-18 10:43 AM
To: Stanek, Frank; Whiffen, Sam; Trudeau, Miriam; Sloan, Glen
Cc: Dunderdale, Sara; NCR Media RCN (DFO/MPO); Saindon, Carole; Chow, Vance; Mayrand, Benoit
Subject: RE: Media interview: Lines on Spill offshore NL

You should send to Joey with CC to Wade Spurrell, Julie Gascon and Mathieu Lebel.

Fiona Smith
Senior Communications Advisor | Conseillère principale en communications
Canadian Coast Guard | Garde côtière canadienne
NEW BB: [REDACTED]

From: Stanek, Frank
Sent: November-19-18 9:12 AM
To: Whiffen, Sam; Trudeau, Miriam; Smith, Fiona; Sloan, Glen
Cc: Dunderdale, Sara; NCR Media RCN (DFO/MPO); Saindon, Carole; Chow, Vance; Mayrand, Benoit
Subject: RE: Media interview: Lines on Spill offshore NL

Does Commissioner need to sign-off or good to go to MINO?

Frank.

From: Whiffen, Sam
Sent: November-19-18 9:10 AM
To: Stanek, Frank; Trudeau, Miriam; Smith, Fiona; Sloan, Glen
Cc: Dunderdale, Sara; NCR Media RCN (DFO/MPO); Saindon, Carole; Chow, Vance; Mayrand, Benoit
Subject: RE: Media interview: Lines on Spill offshore NL

Region okay'd David Yard superintendent of ER as spokes. Ready go when and if approved.

From: Stanek, Frank
Sent: November-19-18 10:39 AM
To: Trudeau, Miriam; Whiffen, Sam; Smith, Fiona; Sloan, Glen
Cc: Dunderdale, Sara; NCR Media RCN (DFO/MPO); Saindon, Carole; Chow, Vance; Mayrand, Benoit
Subject: Media interview: Lines on Spill offshore NL

Differing to you folks and the region. If a CCG spokes is being offered, I need to advise up, as written response was original recommendation.

Frank

From: Trudeau, Miriam
Sent: November-19-18 9:06 AM
To: Whiffen, Sam; Stanek, Frank; Smith, Fiona; Sloan, Glen; NCR Media RCN (DFO/MPO); Salem, Ann-Margaret
Cc: Dunderdale, Sara
Subject: Re: Lines on Spill offshore NLii

Folks, I am still at CCG OPS. Are we offering a spokes or we are referring all interview request to NRCAN?

Sent from my BlackBerry 10 smartphone on the Bell network.

From: Trudeau, Miriam
Sent: Monday, November 19, 2018 8:54 AM
To: Whiffen, Sam; Stanek, Frank; Smith, Fiona; Sloan, Glen; NCR Media RCN (DFO/MPO); Salem, Ann-Margaret
Cc: Dunderdale, Sara
Subject: Re: Lines on Spill offshore NLii

Thanks! Can we make sure that our spokes doesn't get any number related to amount of oil out there. That info is for Husky to provide.

CO just asked me to re-iterate the importance of this.

Miriam

Sent from my BlackBerry 10 smartphone on the Bell network.

From: Whiffen, Sam
Sent: Monday, November 19, 2018 8:41 AM
To: Trudeau, Miriam; Stanek, Frank; Smith, Fiona; Sloan, Glen; NCR Media RCN (DFO/MPO); Salem, Ann-Margaret
Cc: Dunderdale, Sara
Subject: RE: Lines on Spill offshore NLii

We have a spokes David Yard, Super of ER Atlantic

From: Trudeau, Miriam
Sent: November-19-18 10:11 AM
To: Stanek, Frank; Smith, Fiona; Whiffen, Sam; Sloan, Glen; NCR Media RCN (DFO/MPO); Salem, Ann-Margaret
Cc: Dunderdale, Sara
Subject: Re: Lines on Spill offshore NLii

Do we have a spokes lined up for the interview request? Or do we only send lines?

Sent from my BlackBerry 10 smartphone on the Bell network.

From: Stanek, Frank
Sent: Monday, November 19, 2018 8:03 AM
To: Smith, Fiona; Whiffen, Sam; Sloan, Glen; Trudeau, Miriam; NCR Media RCN (DFO/MPO); Salem, Ann-Margaret
Cc: Dunderdale, Sara
Subject: Re: Lines on Spill offshore NLii

In transit. Will send up when I get to the office.

Frank

Sent from my BlackBerry 10 smartphone on the Rogers network.

From: Smith, Fiona
Sent: Monday, November 19, 2018 7:59 AM
To: Whiffen, Sam; Sloan, Glen; Trudeau, Miriam; Stanek, Frank; NCR Media RCN (DFO/MPO); Salem, Ann-Margaret
Cc: Dunderdale, Sara

Subject: RE: Lines on Snill offshore NI

Glen and Sam – I was on a different call with Wade and Julie who just suggested referencing recent upgrades under OPP for this ... I've added a couple of words below

Fiona Smith

Senior Communications Advisor | Conseillère principale en communications
Canadian Coast Guard | Garde côtière canadienne

NEW BB: [REDACTED]

Issue:

At 15:30 on Friday November 16, the SeaRose oil production platform (FPSO) reported losing approximately 250 cubic metres of crude as they resumed operations after inclement weather in Newfoundland. A surveillance flight late Friday afternoon observed 3 cubic meters of crude on the surface over 168 sq kilometers. Husky Energy has stood up their response center and the Eastern Canada Response Corporation has been activated. They are conducting an assessment and developing a response plan. Coast Guard remains in contact with the Canada-Newfoundland and Labrador Offshore Petroleum Board and Environment and Climate Change Canada, and participated in a surveillance flight that took place Saturday, November 17 at 11:00am. There is another flight planned for Sunday, November 18.

Approach:

To date there have been no media inquiries for the CCG. We will continue to monitor and provide reactive responses.

Media Lines:

- The Canadian Coast Guard received a report at 15:30 on November 16 that the SeaRose FPSO, a floating oil production, storage and offloading vessel owned and operated by Husky Oil Operations Ltd., had lost crude in the White Rose Oil Field 350 kilometres off the coast of Newfoundland.
- The Canadian Coast Guard is in contact with the Canada-Newfoundland and Labrador Offshore Petroleum Board and Environment and Climate Change Canada as Husky conducts an assessment and implements its response plan.
- The Canadian Coast Guard participated in a surveillance flight on Saturday morning along with Eastern Canada Response Corporation representatives to assess the situation.
- We will continue to monitor the incident and will stay in close contact with the Canada-Newfoundland and Labrador Offshore Petroleum Board as the assessment and response plan progresses.

Responsive only:

- The Canadian Coast Guard is not leading the response to this incident, but we are providing full support to the Canada-Newfoundland and Labrador Offshore Petroleum Board and all response partners.

- The Coast Guard has environmental response personnel and equipment that was recently upgraded under the Ocean's Protection Plan standing by to help if requested.
- For information on the amount of oil lost please contact Husky Oil or the Canada-Newfoundland and Labrador Offshore Petroleum Board.

Sent from my BlackBerry 10 smartphone on the Bell network.

From: Whiffen, Sam
Sent: Monday, November 19, 2018 7:16 AM
To: Trudeau, Miriam; Sloan, Glen; Stanek, Frank; NCR Media RCN (DFO/MPO)
Cc: Dunderdale, Sara
Subject: RE: Lines on Spill offshore NL

Good morning,
CNLOPB is the lead agency on the NL offshore. Similar to what we would be if this were a ship-source pollution incident. CCG is providing support and advice to the lead agency. In this case, at this time, our support is through aerial surveillance of the area.

Someone from ER NL program likely would be the spokesperson unless otherwise decided.

From: Trudeau, Miriam
Sent: November-19-18 8:31 AM
To: Whiffen, Sam; Dunderdale, Sara; Sloan, Glen; Stanek, Frank; NCR Media RCN (DFO/MPO)
Subject: Re: Lines on Spill offshore NL
Importance: High

Thanks Sam. Looping in media relations.

Sam, do you know who will be spokes?

Media relations, do you know if MLS were approved?

Miriam

Sent from my BlackBerry 10 smartphone on the Bell network.

From: Whiffen, Sam
Sent: Monday, November 19, 2018 6:23 AM
To: Dunderdale, Sara; Sloan, Glen
Cc: Trudeau, Miriam
Subject: Lines on Spill offshore NL

FYI We have an inquiry from CBC asking about CCG role in this incident. She is requesting an interview for today (Monday).

Sent from my BlackBerry 10 smartphone on the Bell network.

From: Dunderdale, Sara
Sent: Saturday, November 17, 2018 6:15 PM
To: Sloan, Glen
Cc: Whiffen, Sam; Trudeau, Miriam
Subject: Fw: Approved: For approval: Lines on Spill

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Cc: Whiffen, Sam; Vardy, Harvey
Subject: Approved: For approval: Lines on Spill

Approved, thanks.

AM White

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Sent: Saturday, November 17, 2018 6:02 PM
To: White, Ann-Margaret
Cc: Whiffen, Sam; Vardy, Harvey
Subject: Re: For approval: Lines on Spill

Updated

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Hi Ann Margaret,

For approval - see below. These have been reviewed by Dave, Bob and Larry and approved by Harvey.

Once approved I will send to NHQ for approval.

Issue:

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Annibalini, Sara

From: Smith, Fiona
Sent: Monday, November 19, 2018 9:22 AM
To: Trudeau, Miriam; Stanek, Frank; Whiffen, Sam; Sloan, Glen
Cc: Dunderdale, Sara; NCR Media RCN (DFO/MPO); Saindon, Carole; Chow, Vance; Mayrand, Benoit
Subject: RE: Media interview: Lines on Spill offshore NL

Yes.

Fiona Smith

Senior Communications Advisor | Conseillère principale en communications
Canadian Coast Guard | Garde côtière canadienne
NEW BB: [REDACTED]

From: Trudeau, Miriam
Sent: November-19-18 9:21 AM
To: Smith, Fiona; Stanek, Frank; Whiffen, Sam; Sloan, Glen
Cc: Dunderdale, Sara; NCR Media RCN (DFO/MPO); Saindon, Carole; Chow, Vance; Mayrand, Benoit
Subject: Re: Media interview: Lines on Spill offshore NL

Does the new lines have the OPP language?

Sent from my BlackBerry 10 smartphone on the Bell network.

From: Trudeau, Miriam
Sent: Monday, November 19, 2018 9:15 AM
To: Smith, Fiona; Stanek, Frank; Whiffen, Sam; Sloan, Glen
Cc: Dunderdale, Sara; NCR Media RCN (DFO/MPO); Saindon, Carole; Chow, Vance; Mayrand, Benoit
Subject: Re: Media interview: Lines on Spill offshore NL

I gave them a heads up at CCG OPS. They are aware it is coming.

Sent from my BlackBerry 10 smartphone on the Bell network.

From: Smith, Fiona
Sent: Monday, November 19, 2018 9:12 AM
To: Stanek, Frank; Whiffen, Sam; Trudeau, Miriam; Sloan, Glen
Cc: Dunderdale, Sara; NCR Media RCN (DFO/MPO); Saindon, Carole; Chow, Vance; Mayrand, Benoit
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Subject: RE: Media interview: Lines on Spill offshore NL

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Frank.

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Cc: Dunderdale, Sara; NCR Media RCN (DFO/MPO); Saindon, Carole; Chow, Vance; Mayrand, Benoit
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Subject: Media interview: Lines on Spill offshore NL

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To: Whiffen, Sam; Stanek, Frank; Smith, Fiona; Sloan, Glen; NCR Media RCN (DFO/MPO); Salem, Ann-Margaret
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Subject: Re: Lines on Spill offshore NLii

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Cc: Dunderdale, Sara

Subject: RE: Lines on Spill offshore NLii

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From: Trudeau, Miriam

Sent: November-19-18 10:11 AM

To: Stanek, Frank; Smith, Fiona; Whiffen, Sam; Sloan, Glen; NCR Media RCN (DFO/MPO); Salem, Ann-Margaret

Cc: Dunderdale, Sara

Subject: Re: Lines on Spill offshore NLii

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To: Smith, Fiona; Whiffen, Sam; Sloan, Glen; Trudeau, Miriam; NCR Media RCN (DFO/MPO); Salem, Ann-Margaret

Cc: Dunderdale, Sara

Subject: Re: Lines on Spill offshore NLii

In transit. Will send up when I get to the office.

Frank

Sent from my BlackBerry 10 smartphone on the Rogers network.

From: Smith, Fiona

Sent: Monday, November 19, 2018 7:59 AM

To: Whiffen, Sam; Sloan, Glen; Trudeau, Miriam; Stanek, Frank; NCR Media RCN (DFO/MPO); Salem, Ann-Margaret

Cc: Dunderdale, Sara

Subject: RE: Lines on Spill offshore NL

Glen and Sam – I was on a different call with Wade and Julie who just suggested referencing recent upgrades under OPP for this ... I've added a couple of words below

Fiona Smith

Senior Communications Advisor | Conseillère principale en communications

Canadian Coast Guard | Garde côtière canadienne

NEW BB: [REDACTED]

Issue:

At 15:30 on Friday November 16, the SeaRose oil production platform (FPSO) reported losing approximately 250 cubic metres of crude as they resumed operations after inclement weather in Newfoundland. A surveillance flight late Friday afternoon observed 3 cubic meters of crude on the surface over 168 sq kilometers. Husky Energy has stood up their response center and the Eastern Canada Response Corporation has been activated. They are conducting an assessment and developing a response plan. Coast Guard remains in contact with the Canada-Newfoundland and

Labrador Offshore Petroleum Board and Environment and Climate Change Canada, and participated in a surveillance flight that took place Saturday, November 17 at 11:00am. There is another flight planned for Sunday, November 18.

Approach:

To date there have been no media inquiries for the CCG. We will continue to monitor and provide reactive responses.

Media Lines:

- The Canadian Coast Guard received a report at 15:30 on November 16 that the SeaRose FPSO, a floating oil production, storage and offloading vessel owned and operated by Husky Oil Operations Ltd., had lost crude in the White Rose Oil Field 350 kilometres off the coast of Newfoundland.
- The Canadian Coast Guard is in contact with the Canada-Newfoundland and Labrador Offshore Petroleum Board and Environment and Climate Change Canada as Husky conducts an assessment and implements its response plan.
- The Canadian Coast Guard participated in a surveillance flight on Saturday morning along with Eastern Canada Response Corporation representatives to assess the situation.
- We will continue to monitor the incident and will stay in close contact with the Canada-Newfoundland and Labrador Offshore Petroleum Board as the assessment and response plan progresses.

Responsive only:

- The Canadian Coast Guard is not leading the response to this incident, but we are providing full support to the Canada-Newfoundland and Labrador Offshore Petroleum Board and all response partners.
- The Coast Guard has environmental response personnel and equipment that was recently upgraded under the Ocean's Protection Plan standing by to help if requested.
- For information on the amount of oil lost please contact Husky Oil or the Canada-Newfoundland and Labrador Offshore Petroleum Board.

Sent from my BlackBerry 10 smartphone on the Bell network.

From: Whiffen, Sam

Sent: Monday, November 19, 2018 7:16 AM

To: Trudeau, Miriam; Sloan, Glen; Stanek, Frank; NCR Media RCN (DFO/MPO)

Cc: Dunderdale, Sara

Subject: RE: Lines on Spill offshore NL

Good morning,

CNLOPB is the lead agency on the NL offshore. Similar to what we would be if this were a ship-source pollution incident. CCG is providing support and advice to the lead agency. In this case, at this time, our support is through aerial surveillance of the area.

Someone from ER NL program likely would be the spokesperson unless otherwise decided.

From: Trudeau, Miriam
Sent: November-19-18 8:31 AM
To: Whiffen, Sam; Dunderdale, Sara; Sloan, Glen; Stanek, Frank; NCR Media RCN (DFO/MPO)
Subject: Re: Lines on Spill offshore NL
Importance: High

Thanks Sam. Looping in media relations.

Sam, do you know who will be spokes?

Media relations, do you know if MLS were approved?

Miriam

Sent from my BlackBerry 10 smartphone on the Bell network.

From: Whiffen, Sam
Sent: Monday, November 19, 2018 6:23 AM
To: Dunderdale, Sara; Sloan, Glen
Cc: Trudeau, Miriam
Subject: Lines on Spill offshore NL

FYI We have an inquiry from CBC [REDACTED] asking about CCG role in this incident. She is requesting an interview for today (Monday).

Sent from my BlackBerry 10 smartphone on the Bell network.

From: Dunderdale, Sara
Sent: Saturday, November 17, 2018 6:15 PM
To: Sloan, Glen
Cc: Whiffen, Sam; Trudeau, Miriam
Subject: Fw: Approved: For approval: Lines on Spill

Hi Glen - over to you!

Sent from my BlackBerry 10 smartphone on the Bell network.

From: White, Ann-Margaret <Ann-Margaret.White@dfo-mpo.gc.ca>
Sent: Saturday, November 17, 2018 6:14 PM
To: Dunderdale, Sara
Cc: Whiffen, Sam; Vardy, Harvey
Subject: Approved: For approval: Lines on Spill

Approved, thanks.

AM White

From: Dunderdale, Sara
Sent: Saturday, November 17, 2018 6:02 PM
To: White, Ann-Margaret
Cc: Whiffen, Sam; Vardy, Harvey
Subject: Re: For approval: Lines on Spill

Updated

Sent from my BlackBerry 10 smartphone on the Bell network.

From: Dunderdale, Sara
Sent: Saturday, November 17, 2018 3:49 PM
To: White, Ann-Margaret
Cc: Whiffen, Sam; Vardy, Harvey
Subject: For approval: Lines on Spill

Sent from my BlackBerry 10 smartphone on the Bell network.

Hi Ann Margaret,

For approval - see below. These have been reviewed by Dave, Bob and Larry and approved by Harvey.

Once approved I will send to NHQ for approval.

Issue:

At 15:30 on Friday November 16, the SeaRose FPSO reported losing approximately 250 cubic meters of crude as they resumed operations after inclement weather in Newfoundland. A surveillance flight late Friday afternoon observed 3 cubic meters of crude on the surface over 168 sq kilometers. Husky Energy has stood up their response center and the ECRC has been activated. They are conducting an assessment and developing a response plan. CCG remains in contact with the CNLOPB and ECCC, and have participated in the surveillance flight that took place Saturday, November 17 at 11:00am. There is another flight planned for tomorrow.

Approach:

To date there have been no media inquiries for the CCG. We will continue to monitor and provide reactive responses.

Media Lines:

- The Canadian Coast Guard received a report at 15:30 on November 16 that the Searose FPSO off the coast of Newfoundland had lost approximately 250 cubic meters of crude.
- The Canadian Coast Guard is in contact with the CNLOPB and ECCC as Husky Energy conducts an assessment and implements its response plan.
- The Canadian Coast Guard participated in a surveillance flight at 11am this morning along with the RO ECRC representatives to assess the situation.
- We will continue to monitor the incident and will stay in close contact with the CNLOPB as the assessment and response plan progress.

Sent from my BlackBerry 10 smartphone on the Bell network.

Salem, Ann-Margaret

From: Salem, Ann-Margaret
Sent: November-19-18 10:37 AM
To: Burpee, Eric (NRCan/RNCan); Joannis, Micheline (NRCan/RNCan)
Cc: Sloan, Glen; Smith, Fiona
Subject: Re: Media lines - Searose oil Platform

Thanks Eric! Keep us posted if anything changes.

Ann-Margaret Salem
Senior Communications Advisor | Conseillère principale en communications
Canadian Coast Guard | Garde côtière canadienne
Fisheries and Oceans Canada | Pêches et Océans Canada
Phone | Téléphone: (613) 608-9605

From: Burpee, Eric (NRCan/RNCan)
Sent: Monday, November 19, 2018 10:32 AM
To: Joannis, Micheline (NRCan/RNCan); Salem, Ann-Margaret
Cc: Sloan, Glen; Smith, Fiona
Subject: RE: Media lines - Searose oil Platform

Here are our lines. I believe all other operations like Suncor's Terra Nova were shut last week for the storm prior to this incident. There aren't that many out there anyway.

From: Joannis, Micheline (NRCan/RNCan)
Sent: November 19, 2018 10:27
To: Salem, Ann-Margaret <Ann-Margaret.Salem@dfo-mpo.gc.ca>
Cc: Sloan, Glen <Glen.Sloan@dfo-mpo.gc.ca>; Smith, Fiona <Fiona.Smith@dfo-mpo.gc.ca>; Burpee, Eric (NRCan/RNCan) <eric.burpee@canada.ca>
Subject: Re: Media lines - Searose oil Platform

Eric, can you send these please?

----- Original message -----

From: "Salem, Ann-Margaret" <Ann-Margaret.Salem@dfo-mpo.gc.ca>
Date: 2018-11-19 9:48 AM (GMT-05:00)
To: "Joannis, Micheline (NRCan/RNCan)" <micheline.joannis@canada.ca>
Cc: "Sloan, Glen" <Glen.Sloan@dfo-mpo.gc.ca>, "Smith, Fiona" <Fiona.Smith@dfo-mpo.gc.ca>
Subject: Media lines - Searose oil Platform

Hi Micheline,

We have a media call regarding the SeaRose oil production platform spill from CBC Newfoundland that our media relations team is coordinating with NRCan as lead on offshore platforms. CBC is asking for a spokes from Coast Guard's Environmental Response teams to discuss our role in the response. We will use the media lines below and would not discuss amount of oil.

s.19(1)

Can you please share your media lines with us to have for information? We understand there is a plan to shut down all offshore platforms in the area for safety reasons. If you could share any lines you have on that as well it will be very helpful, as Coast Guard will likely remain on-site for oil spill monitoring.

Thank you,

Ann-Margaret Salem

Senior Communications Advisor | Conseillère principale en communications

Public Affairs and Strategic Communications Directorate | Direction des affaires publiques et des communications stratégiques

Canadian Coast Guard | Garde Côtière Canadienne

Fisheries and Oceans Canada | Pêches et Océans Canada

200 rue Kent Street Room | Pièce : 14E209

Ottawa, Ontario K1A 0E6

Phone | Téléphone: (613) 608-9605

////////

Issue:

At 15:30 on Friday November 16, the SeaRose oil production platform (FPSO) reported losing approximately 250 cubic metres of crude as they resumed operations after inclement weather in Newfoundland. A surveillance flight late Friday afternoon observed 3 cubic meters of crude on the surface over 168 sq kilometers. Husky Energy has stood up their response center and the Eastern Canada Response Corporation has been activated. They are conducting an assessment and developing a response plan. Coast Guard remains in contact with the Canada-Newfoundland and Labrador Offshore Petroleum Board and Environment and Climate Change Canada, and participated in a surveillance flight that took place Saturday, November 17 at 11:00am. There is another flight planned for Sunday, November 18.

Approach:

Request for interview from CBC [REDACTED] on the Coast Guard's role.

Proposed spokesperson: David Yard, Superintendent of Environmental Response

Media Lines:

- The Canadian Coast Guard received a report at 15:30 on November 16 that the SeaRose FPSO, a floating oil production, storage and offloading vessel owned and operated by Husky Oil Operations Ltd., had lost crude in the White Rose Oil Field 350 kilometres off the coast of Newfoundland.
- The Canadian Coast Guard is in contact with the Canada-Newfoundland and Labrador Offshore Petroleum Board and Environment and Climate Change Canada as Husky conducts an assessment and implements its response plan.
- The Canadian Coast Guard participated in a surveillance flight on Saturday morning along with Eastern Canada Response Corporation representatives to assess the situation.

- We will continue to monitor the incident and will stay in close contact with the Canada-Newfoundland and Labrador Offshore Petroleum Board as the assessment and response plan progresses.

Responsive only:

- The Canadian Coast Guard is not leading the response to this incident, but we are providing full support to the Canada-Newfoundland and Labrador Offshore Petroleum Board and all response partners.
- The Coast Guard has environmental response personnel and equipment that was recently upgraded under the Ocean's Protection Plan standing by to help if requested.
- For information on the amount of oil lost please contact Husky Oil or the Canada-Newfoundland and Labrador Offshore Petroleum Board.

November 17, 2018

Media Lines

Offshore Oil Spill - Husky SeaRose

Issue:

On November 16, Husky Energy reported a spill from its South White Rose Extension drill centre (part of the *SeaRose* FPSO) approximately 350 km southeast from St. John's. Initial estimates from Husky are that 1,500 barrels of oil were released to the environment. There were no injuries. Production operations had been suspended and all wells are in a safe state as Husky investigates the cause of the spill. Production operations will not resume until it is safe to do so and until Husky has received approval from the C-NLOPB.

The Department has been in close contact with the C-NLOPB, and the National Environmental Emergencies Centre, Environment and Climate Change Canada and the Canadian Coast Guard have been notified. Current conditions offshore preclude the safe deployment of on-water response to the spill.

Key Messages:

- The Government of Canada is aware of the incident and is monitoring the situation.
- The Canada-Newfoundland and Labrador Offshore Petroleum Board is the lead agency for offshore emergency response.
- They are working closely with Husky and Eastern Canada Response Corporation (ECRC) to determine the cause, extent and response to the spill.
- The Coast Guard and National Environmental Emergencies Centre have been notified and are available to support monitoring and response efforts, as required.
- An ECRC wildlife monitor is on route to the site to advise on potential effects and response efforts.
- Offshore installations and the equipment and training required to operate them must meet strict regulatory standards that are among the highest in the world.
- The Government of Canada has full confidence in the Canada-Newfoundland and Labrador Offshore Petroleum Board and its ability to ensure safety and environmental protection.

November 17, 2018

Background:

Discovered in 1984, the main White Rose field is located approximately 350 kilometres east of St. John's, on the eastern edge of the Jeanne d'Arc Basin. Commercial oil production from the White Rose field began on November 12, 2005.

Media Enquiries: 343-292-6100

Spokesperson: Tim Gardiner, Director General, Energy Sector, 343-292-6165

Prepared by: Eric Burpee, Senior Communications Advisor, CPS, 613-894-7650

Approved by: MinO

Salem, Ann-Margaret

From: Boissonnault, Marie-Ève
Sent: November-24-18 9:14 AM
To: Salem, Ann-Margaret
Subject: Re: Recaps of this morning NIMT calls

Excellent, merci.

Envoyé de mon iPhone

Le 24 nov. 2018 à 08:52, Salem, Ann-Margaret <Ann-Margaret.Salem@dfo-mpo.gc.ca> a écrit :

No action items for comms expected today on the McLaren and SeaRose oil platform. More info on calls below.

CCGS Corporal McLaren

- Next steps: 1-Review of salvage plan. 2- Activation of plan. 3- Towing ship to dock in Sambro for assessment and repairs.
- Salvage plan expected today. Following receipt of the plan, CG will have a call with ECCC, TC, insurance company and all important players to ensure they are all comfortable with the plan before they can proceed. Coast Guard will also have to approve the plan in NHQ before they proceed. This will not likely be finalized over the weekend.
- Activation of the plan is subject to weather conditions and tide, so timing will be a moving target
- Ryan wanted us to get started on drafting some lines since we know the plan and get prepared for questions about "why this is taking so long"
- Heidi and I agreed that we will stand down on public comms until the plan is approved. We can update media lines, but I think it can wait for Monday.

Searose Oil Platform

- Seems like calls have started although we were not invited. I stayed on the line because they just transitioned into a second call. Doesn't seem like an NIMT is stood up and I don't think Heidi was still on the line.
- Coast Guard does not have an operational role in the initial spill response and Husky is standing down environmental response on the spill. Only ECCC remains active is wildlife observation.
- A second operation will begin in the coming weeks regrading safely removing the 83 cubic meters oil crude from the damaged line that cause the initial spill.
- Coast Guard already provided advice on what is needed from an environmental safety standpoint, i.e. response plans in case there is a spill, monitoring and flight observation plans, etc. The CNLOPB will have Husky develop a plan, and they will seek advice from Coast Guard to ensure it is appropriate.
- Once those plans are approved, we will have greater clarify on our role.
- [REDACTED]
- [REDACTED]
- PCO will need to step in from a communications perspective to ensure coordination. We can connect with them next week.

Thanks,

Ann-Margaret Salem
Senior Communications Advisor | Conseillère principale en communications
Public Affairs and Strategic Communications Directorate | Direction des affaires publiques et
des communications stratégiques
Canadian Coast Guard | Garde Côtière Canadienne
Fisheries and Oceans Canada | Pêches et Océans Canada
200 rue Kent Street Room | Pièce : 14E209
Ottawa, Ontario K1A 0E6
Phone | Téléphone: (613) 608-9605

Grant, Robert

From: Grant, Robert
Sent: November-19-18 8:36 AM
To: David.Yard@dfo-mpo.gc.ca
Cc: Crann, Larry; Laidlaw, Keith
Subject: Morning Update

Dave not sure if Bruce already sent a report on the weekend incidents but here they are again just in case.

1. Sea Rose FPSO Incident. – CCG ER attending surveillance patrols, one on Saturday and two on Sunday. Currently on another flight now. This is the fifth flight thus far. Bruce briefs the C-NLOPB upon his return. Larry remains in contact with the Board as well getting updates and passing them along.
2. PC Beverly Gae – ER Crew on site in Summerside, Corner Brook area. Maintaining water ingress in vessel while waiting on Tow Plan from contractor from Port Saunders Marine Center. Will look at incident from an Urgency Contracting requirement. Email already sent to Procurement Hub.
3. Mystery Spill St. John's Harbour – CCGS Harp reported through ROC that they observed a large sheen coming from the Waterford Rover / New Dock area. ER Crew deployed to conduct assessment. Sheen dissipating, attempts to collect using sorbent material unsuccessful. determined to be non-recoverable. Provincial Environment briefed and updated.

Bob.

Robert Grant
 Senior Response Officer | Agent Principal, d'intervention
 Environmental Response | Intervention Environnementale
 Canadian Coast Guard | Garde côtière canadienne
 P.O. Box 5667 St. John's, NL A1C 5X1 | C.P. 5667 Saint Jean, T-N A1C 5X1
Robert.Grant@dfo-mpo.gc.ca
 Telephone | Téléphone 709-772-0846
 Facsimile | Télécopieur 709-772-4066
 Cell | Cell [REDACTED]
 Government of Canada | Gouvernement du Canada

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Annibalini, Sara

From: Smith, Fiona
Sent: Monday, November 19, 2018 9:34 AM
To: Freer, Katie; Mercer, Robert
Cc: Jutzi, Christina; Trudeau, Miriam; Sloan, Glen
Subject: RE: MRLs for Cpl McLaren and Sea Rose

Importance: High

Hi Katie and Rob – here are both as they stand now ...

Sea Rose Media Lines:

- The Canadian Coast Guard received a report at 15:30 on November 16 that the SeaRose FPSO, a floating oil production, storage and offloading vessel owned and operated by Husky Oil Operations Ltd., had lost crude in the White Rose Oil Field 350 kilometres off the coast of Newfoundland.
- The Canadian Coast Guard is in contact with the Canada-Newfoundland and Labrador Offshore Petroleum Board and Environment and Climate Change Canada as Husky conducts an assessment and implements its response plan.
- The Canadian Coast Guard participated in a surveillance flight on Saturday morning along with Eastern Canada Response Corporation representatives to assess the situation.
- We will continue to monitor the incident and will stay in close contact with the Canada-Newfoundland and Labrador Offshore Petroleum Board as the assessment and response plan progresses.

Responsive only:

- The Canadian Coast Guard is not leading the response to this incident, but we are providing full support to the Canada-Newfoundland and Labrador Offshore Petroleum Board and all response partners.
- The Coast Guard has environmental response personnel and equipment that was recently upgraded under the Ocean's Protection Plan standing by to help if requested.
- For information on the amount of oil lost please contact Husky Oil or the Canada-Newfoundland and Labrador Offshore Petroleum Board.

CCGS Corporal McLaren – Media lines

- Efforts are underway to assess the damage to ship.
- Canadian Maritime Engineering (owner for Sambro Shipyard) is developing a salvage plan to refloat the ship and move it to safety.
- A containment boom has been put in place, and Coast Guard Atlantic Region has an Environmental Response team on site to monitor the situation.
- The Canadian Coast Guard is working closely with the other parties involved including:
 - o Canadian Maritime Engineering;
 - o Transport Canada and Environment and Climate Change Canada; and

- o Halifax Regional Police Force and the RCMP who are investigating the cause of the incident.
- The Halifax Regional Police Force and RCMP would have to speak to details of the investigation.

Fiona Smith

Senior Communications Advisor | Conseillère principale en communications

Canadian Coast Guard | Garde côtière canadienne

NEW BB: [REDACTED]

From: Jutzi, Christina**Sent:** November-19-18 9:30 AM**To:** Smith, Fiona; Trudeau, Miriam; Sloan, Glen**Cc:** Freer, Katie; Mercer, Robert**Subject:** MRLs for Cpl McLaren and Sea Rose**Importance:** High

Good morning Comms friends!

Could you please share the approved comms materials on the two subject issues with Katie Freer, Rob Mercer and myself, for the purposes of feeding into the Commissioner's materials for the Supps A appearance tomorrow?

Many thanks,
Christina

Christina Jutzi

A/Director - Directrice intérimaire

Horizontal Priorities - Priorités horizontales

Canadian Coast Guard | Garde côtière canadienne

200 Kent Street, Ottawa, ON K1A 0E6

Christina.Jutzi@dfo-mpo.gc.ca

Telephone | Téléphone 613-998-1411

Government of Canada | Gouvernement du Canada

Annibalini, Sara

From: Sliming, Thomas
Sent: Monday, November 19, 2018 8:17 AM
To: Amelin, Vasili; Atchison, Chris; Bisaillon, Annie; Brooks, Robert; Dugal, Jean-Luc; Dussault, Sheyla; Gascon, Julie; Harvey, Clifford; Haubert, Marie-Christine; Hill, Johanna; Hutchinson, Jeffery; Ivany, Gary; Lebel, Mathieu; Lipohar, Peter; Lockhart, Tara; Mackenzie, Joey; Main Ops Officer / Agent principal des Ops (DFO/MPO); Montreal Ops / Ops Montréal (DFO/MPO); Morelli, Carolyn; Morphet, Jason (NCR); Moss, Derek; NCC / CCN (DFO/MPO); Olson, Kathleen; Pelchat, Isabelle; Pelletier, Mario; Perry, Nigel; peter.lipohar@forces.gc.ca; Richardson, John; CCG ATL ROC / COR ATL GCC (DFO/MPO); ROC1 / COR1 (DFO/MPO); Ryan, Sam; Sanderson, Marc; Smith, Fiona; Tettamanti, Ryan; Trudeau, Miriam; Western ROC Superintendent \ Surintendant ROC Ouest (DFO/MPO); Wight, Robert; Wyse, David E
Subject: NCC Daily Operations Brief - 19 Nov 2018
Attachments: 2018-11-19 RD.docx; Morning Ops Brief - 2018-11-19 RD.pdf

s.15(1)

National Command Centre Operations Brief Monday 19 November 2018

NATIONAL SECURITY LEVELS

Remains unchanged

National MARSEC level¹

Federal facilities readiness level²

National terrorism threat level³

3 of 5 (medium)

ASSET DISPOSITION

Asset Disposition:	Unchanged	
	Vessels	119
	Helicopters	22
Atlantic Region:	Fleet Readiness	Normal
	Non Operational Unplanned	5
	Non Operational Planned	8
Central and Arctic:	Fleet Readiness	Reduced*
	Non Operational Unplanned	4
	Non Operational Planned	12
Western Region:	Fleet Readiness	Normal
	Non Operational Unplanned	0
	Non Operational Planned	12

We have updated the number of vessels under construction (VUC) to include the 4 most recent Bay Class Vessels. The 10 VUC are now: Baie de Plaisance, Pachena Bay, McIntyre Bay, OFSV 1, OFSV 2, OFSV 3, HMP Bay Class 3, HMP Bay Class 4, CNF Bay Class 3, and CNF Bay Class 4.

* On October 19, Central and Arctic Region changed their Fleet Readiness profile to Reduced. Repairs and crewing issues continue to limit the Aids to Navigation program. No large buoytenders are currently in operation, which diminishes capacity for AtoN work and ITS maintenance.

¹ Set by the Minister of Transport

² Set by the Privy Council Office

³ Set by the Integrated Terrorism Assessment Centre.

National Command Centre
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Monday 19 November 2018

SIGNIFICANT INCIDENTS

NEW - 2

ER – CCGS Corporal McLaren submerged in water, Sambro NS

On November 17th, the CCGS Corporal McLaren was reported as partially submerged in the water after slipping off the cradle in Sambro, NS. There is damage to the vessel, though the extent is still being assessed. The vessel has been boomed off, and a salvage plan is being established with the shipyard. There was a small release of pollution initially, though it was contained within the boom. No further pollution observed.

The vessel is stable on the seabed and has been secured in its off-cradle position. High capacity pumps are on site for the removal of water ingress. Plugs and patches are being fabricated.

Halifax Regional Police and RCMP are investigating the incident due to this being a case of potential vandalism. Divers have done an initial assessment underwater, and reported that the hull remains intact. 24/7 security has been established by both the CME shipyard and the Coast Guard crew.

The C&P and SAR program may be affected, though the region is investigating alternative options for program delivery. ER is continuing their investigation.

ER – Searose FPSO Crude oil spil

On November 16th, the SEAROSE FPSO (Floating Production, Storage, and Offloading) reported losing approximately 250 cubic meters of crude while circulating crude through their subsea line. CCG Environmental Response contacted CNLOPB (Canada-Newfoundland and Labrador Offshore Petroleum Board), the Lead Agency, who is working with the owner/operator, Husky Energy. An initial PAL overflight observed a sheen of 3 cubic meters. Subsequent overflights have been scheduled at regular intervals. CCG ER remains in contact with CNLOPB, as they conduct their assessment of the incident, in the event CCG assistance is required. Once weather improves, an ROV will be deployed. Husky Energy has their Regional Response Management Team (RRMT) activated at their Response Centre in St. John's.

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ONGOING – 3

ER – VESSEL SINKING AT WHARF , NL

RECAP: November 6, 50ft pleasure craft Beverly Gae sank at the wharf in Cornerbrook, NL. CCG ER removed recoverable pollutants. As of November 9, all bulk pollutants had been removed and vessel has been stabilized with extra lines at wharf in Summerside and inner compartments have been sealed ensuring no further ingress of water. ER is continuing to [REDACTED] develop a statement of work/plan to remove vessel from the water.

UPDATE: On November 16th, NL Marina crew reported that the vessel was taking on water again. bulk pollutants have been removed from the vessel.

ER crew conducted an assessment and dewatered the vessel. ER crew waiting for contractor to arrive on scene to assess situation and see if vessel is suitable to be towed to Port Saunders and removed from the water.

ER contacted TC Duty officer and advised that they would be forwarding a tow plan for the PC Beverly Gae for review once received.

ER will continue to monitor the water ingress aboard the vessel pump out as required. CCG ER will also work with contractors on the development of a tow and deconstruction plan for the vessel to eliminate threat of pollution.

Once Tow Plan is received it will be forwarded to TC for review.

ER – BARGE SINKING AT BAMBERTON GRAVEL PIT, BC

RECAP: A cargo barge (50 m x 12 m) was reported sinking at the Bamberton Gravel Pit in Bamberton, BC with 300 tonnes of soil and 1,000 liters of diesel onboard. The barge has been surrounded with curtain boom and ER will remain on site to monitor the situation. CCG ER has removed approximately 300 L of diesel and hydraulic oil off of the barge.

UPDATE: On 16 November 2018, new information was received. The containment boom was retrieved. No oil pollution threat remains on the barge. Vancouver Pile Driving is removing the remaining soil aboard the barge and once complete will start to repair the barge.

ER – VESSEL BARKLEY SOUND SINKING IN BAMFIELD INLET

RECAP: Nov 15th, 2018 CCG was advised that the Ex-F/V Barkley Sound had sunk at anchor in Bamfield Inlet. The vessel of concern was recently assessed by ER crews, and believed to have only trace amounts of pollutants onboard. As a precautionary measure, the Bamfield Lifeboat Station has been tasked to surrounding the wreck site with containment boom. To assist in determining next steps, CCG will be returning to the wreck site and requesting an overflight Nov 16th.

UPDATE:

National Command Centre
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Monday 19 November 2018

CLOSED – 1

FYI – DECEASED HUMPBACK WHALE , BC

November 16, CCG was notified of a deceased humpback whale near the Tsawwassen BC Ferry terminal. CCG Siyay was tasked to transport DFO marine mammal group and Tsawwassen First Nations Elders to location. The deceased whale has been towed to Sea Island Base where it was handed over to the DFO marine mammal group for a necropsy scheduled for Saturday morning.

National Command Centre
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NON-OPERATIONAL VESSELS

ATLANTIC REGION

UNPLANNED

1. **Harp (SAR)** – St. John's, NL. RTS unknown, no firm timeline since still assessing whether gearbox can be repaired on site or will need to be sent away. Unplanned maintenance for port clutch issues. Impact: Alternate coverage required for SAR on east coast of Newfoundland. *(November 10 update: still unknown, ROC Atl will advise when they find out.)*
2. **Spray (SAR)** – Dartmouth, NS. RTS unknown. Refit delay. Impact minimal: spare VSL.
3. **Corporal McLaren M.M.V.** – Sambro, NS. Refit delay. RTS unknown at this time due to ongoing investigation.
4. **W. G. George** – Burgeo, NL – Replacing fuel pump. RTS November 23rd.
5. **Cap Breton** – Shippagan, NB- Due to ice conditions in harbour

PLANNED

1. Terry Fox – St. John's, NL. Refit. RTS January 10 2019
2. Capt. Molly Kool – Davis Shipyard, QC. – Refit
3. Ann Harvey – Les Méchins, QC. Vessel life extension. RTS February 2019.
4. George R. Pearkes – St. John's, NL. Refit. RTS December 1.
5. Earl Grey – Dartmouth, NS. Alongside refit. RTS December 17.
6. Cygnus – St. John's, NL – Refit. Drydock. RTS December 1.
7. Clark's Harbour (SAR) – [REDACTED] Impact: NONE – Courtney Bay vessel is on station at the Clarke's Harbour Station (West Head) to provide the SAR Coverage for SAR 007 Southwestern Shore NS.
 - a. *Clark's Harbour entered refit October 9th, Courtney Bay has been in West Head since then. Refit completed Nov 9, was to transit then. When the Clark's Harbour returns to West Head, the Courtney Bay will return to Saint John after the opening of the Lobster Fishery.*
8. Goeland - Sydney, NS – Spare

**National Command Centre
Operations Brief
Monday 19 November 2018**

CENTRAL & ARCTIC REGION

UNPLANNED

1. **Sipu Muin (AtoN)** – Trois-Rivières, QC. RTS unknown Damaged starboard propeller, caused by impact with generator hatch. New drive shaft has been received and is being installed. Sea trials are scheduled Nov 16. Impact: None. CCGS Mamilossa can be used for AtoN program.
 - a. New drive shaft was received and installed. Sea trials and calibration scheduled for November 16.
 - b. New generator cover drawings are close to being finalized. Anticipate several weeks for submission, contract and manufacture of cover.
 - c. RTS early next week is possible with generator temporarily installed on the foredeck. This modification is complicated and will not be done unless there is an imminent need and will require 48 hours notice.
 - d. RTS unknown, still waiting for parts
2. **Constable Carriere** – Burlington, ON. RTS N/A. Mobilization/demobilization. Impact: None – no scheduled MSET program. Crew change completed November 14 – 4 crew on board with another joining November 15 – still non-operational.
3. **Griffon (AtoN)** – Les Méchins, QC – Refit delay until November 16. Sea trials November 16-19. RTS November 19*. Impact: Delay to Aids to Navigation decommissioning program. *A to K – More detailed inspections revealed no structural damage . Vessel remains seaworthy and alongside to complete refit.
4. **Martha L. Black (AtoN)** – Hamilton, ON. RTS November 23. Drydock delay. Impact: Delay to Aids to Navigation decommissioning program for commercial buoys.

PLANNED

1. A. LeBlanc – North Sydney, NS. Drydock until December 5.
2. Amundsen – Québec, QC. Refit. RTS December 4.
3. Cap Aupaluk – Mont-Joli, QC. Spare
4. Cape Mercy – Burlington, ON. Spare
5. Des Groseilliers – Québec, QC. Vessel life extension. RTS December 14.
6. Helen Irene Battle – Trois-Rivières, QC
7. Jean Bourdon – Mont-Joli, QC. Lay-up
8. Kelso – Burlington, ON. Mobilization/Demobilization.
9. G.C. 03 – Ile aux Coudres, QC. Dry-docking.
10. Pierre Radisson – Québec, QC. Maintenance. RTS December 19.
11. Thunder Cape – Amherstburg, ON. Lay-up
12. Traverse – Kenora, ON. Mobilization/Demobilization.

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Monday 19 November 2018

Note: CCGS Baie de Plaisance is being readied for operation in Cap-aux-Meules, QC. Transition into service expected in the Spring of 2019 after warranty work at CNF over the winter.

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Monday 19 November 2018

WESTERN REGION

UNPLANNED

PLANNED

1. Sir Wilfrid Laurier – Victoria, BC – Demobilizing for drydock
2. Tanu – North Vancouver, BC – Drydock until December 19.
3. M. Charles M.B. – Victoria, BC. Drydock.
4. Otter Bay – Patricia Bay, BC – Lay-up for the winter.
5. Dumit – Hay River, NT – Drydock for winter.
6. Eckaloo – Inuvik, NT – Lay-up for the winter.
7. Moorhen – Patricia Bay, BC – Spare.
8. Vakta – Gimli, MB – Demobilization for winter season. Drydock.
9. Moytel – Sea Island, BC – Refit. Until December 18.
10. Cape Cockburn – Patricia Bay, BC – Refit until December 03.
11. Atlin Post – Patricia Bay, BC – Lay-up
12. Cape St. James – Patricia Bay – Spare.

National Command Centre
Operations Brief
Monday 19 November 2018

HELICOPTERS

UNPLANNED NON-OPERATIONAL

PLANNED NON-OPERATIONAL

1. CG 436 (Bell 429) – Shearwater, NS – RTS November 23. Planned maintenance
2. CG 446 (Bell 429) – Ottawa, ON – RTS November 21. Planned maintenance.
3. CG 944 (Bell 412) – Ottawa, ON – RTS December 21. Planned maintenance.
4. CG 942 (Bell 412) – Parry Sound, ON RTS December 4th. Planned maintenance
5. CG 441 (Bell 429) – Québec, QC – RTS November 30.
6. CG 945 (Bell 412) – Québec, QC – RTS Nov 19
7. CG 445 (Bell 429) – Ottawa, planned maintenance. RTS December 21
8. CG 943 (Bell 412) – Seal Cove Base, BC – Scheduled maintenance; 5 year inspection.

OPERATIONAL

9. CG 432 (Bell 429) – CCGS Henry Larsen
10. CG 433 (Bell 429) – Stephenville, NL – Now Operational, but weather delayed
11. CG 437 (Bell 429) – Shearwater, NS
12. CG 438 (Bell 429) – CCGS Louis S. St-Laurent
13. CG 442 (Bell 429) – Stephenville, NL
14. CG 434 (Bell 429) – Parry Sound, ON. Now operational
15. CG 947 (Bell 412) – St. John's, NL
16. CG 439 (Bell 429) – Québec, QC
17. CG 444 (Bell 429) – Québec, QC
18. CG 440 (Bell 429) – Shoal Point, BC
19. CG 443 (Bell 429) – Shoal Point, BC
20. CG 946 (Bell 412) – Nanaimo, BC
21. CG 948 (Bell 412) – Shear water, BC
22. CG 435 (Bell 429) – Shoal Point, BC – Now operational

National Command Centre
Operations Brief
Monday 19 November 2018

OPERATIONAL VESSELS

ATLANTIC REGION

18 SAR

1. Sir Wilfred Grenfell – SAR 033 East Coast - St. John's, NL
2. Sir William Alexander – SAR West - Saint John Harbour, NB
3. Cape Roger – SAR East/West - Dartmouth, NS
4. Bickerton – Port Bickerton, NS
5. Cap Nord – Summerside, PE
6. Cape Edensaw – Saint John, NB
7. Cape Fox – Lark Harbour, NL
8. Cape Norman – Port au Choix, NL
9. Cape Spry – Souris, PE
10. Courtenay Bay – West Head, NS covering SAR Area 007 Southwestern Shore NS until the Clark's Harbour RTS.
 - a. *Clark's Harbour entered refit October 9th, Courtney Bay has been in West Head since then. Refit completed Nov 9, was to transit then. When the Clark's Harbour returns to West Head, the Courtney Bay will return to Saint John after the opening of the Lobster Fishery.*
11. Pennant Bay – St. Anthony, NL
12. Sambro – Sambro, NS
13. Spindrift – Louisburg, NS
14. W. Jackman – Burin, NL
15. Westport – Westport, NS
16. Corporal Teather C.V. –Transiting towards St John NFLD
 - a. *Switched from its normal C&A region to Atlantic Nov 16 in order to help maintain SAR coverage.*

5 CONSERVATION & PROTECTION

17. G. Peddle S.C.
18. Cape Light
19. Geliget
20. Pointe Caveau
21. S. Dudka

1 NAFO

22. Leonard J. Cowley

1 AIDS TO NAVIGATION

23. Edward Cornwallis – Gaspé, QC - Wx Delay

**National Command Centre
Operations Brief
Monday 19 November 2018**

7 SCIENCE

- 24. Hudson – Avalon Channel, NL – Weather delay
- 25. Teleost – Goose Bay, NL
- 26. Alfred Needler – Carmanville, NL – Weather delay
- 27. Vladykov – Argentia, NL – Weather delay
- 28. M. Perley – Dartmouth, NS – Weather delay
- 29. Sigma T – Dartmouth, NS
- 30. Viola M. Davidson – St. Andrews, NB

2 ARCTIC

- 31. Louis S. St-Laurent – Hudson Strait – Standing by for shipping
- 32. Henry Larsen – Saglek Bay, Labrador (en route St. John's, NL) – Weather delay

**National Command Centre
Operations Brief
Monday 19 November 2018**

CENTRAL & ARCTIC REGION

15 SAR

1. Cap aux Meules – Cap-aux-Meules, QC
2. Cap de Rabast – Tadoussac, QC
3. Cap Percé – Kégaska, QC
4. Cap Rozier – Havre-Saint-Pierre, QC
5. Cap D’Espoir – Rivière-au-Renard, QC
6. Cap Tourmente – Québec, QC
7. Cape Chaillon – Thunder Bay, ON
8. Cape Commodore – Tobermory, ON
9. Cape Discovery – Goderich, ON
10. Cape Dundas – Amherstburg, ON
11. Cape Hearne – Kingston, ON
12. Cape Lambton – Port Dover, ON
13. Cape Providence – Meaford, ON
14. Cape Rescue – Cobourg, ON
15. Cape Storm – Port Weller, ON

5 AIDS TO NAVIGATION

16. Caribou Isle – Georgian Bay, ON
17. Île Saint-Ours – Cobourg, ON
18. Mamilossa – Ile Charron, QC
19. Samuel Risley – Parry Sound, ON. Out of refit and limited operational due to a missing crew member

20. Cove Isle – Port Colborne, ON – Nov 15 A to K Starboard generator se water line leaking water. Proceeded to CCIW Burlington on port generator.

4 SCIENCE

21. Frederick G. Creed – MOB/DEMOB Rimouski, QC
22. F.C.G Smith – Québec, QC
23. Leim – Québec, QC (maintenance)
24. Limnos – Long Point, Lake Erie, ON (and AtoN)

1 MSET

25. Caporal Kaeble V.C.

2 OTHER

26. Private Robertson V.C. – Prescott, ON. RTS November 14

NOTE: The Corporal Thether has been temporarily transferred to the Atlantic region to help them cover SAR while one of their buoy tenders helps C&A with their AtoN program.

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Monday 19 November 2018

WESTERN REGION

15 SAR

1. Bartlett – Goletas Channel, BC – Southern SAR
2. Gordon Reid – Principe Channel, BC – Northern SAR
3. Cape McKay – Bamfield, BC
4. Cape Farewell – Bella Bella, BC
5. Cape Palmerston – Campbell River, BC
6. Cape Kuper – French Creek, BC
7. Cape Naden – Ganges, BC
8. CG 158 – Kitsilano, BC
9. Cape Sutil – Port Hardy, BC
10. Cape Caution – Powell River, BC
11. Cape Dauphin – Prince Rupert, BC
12. Cape Mudge – Sandspit, BC
13. Siyay – Sea Island, BC
14. Cape Ann – Tofino, BC
15. Cape Calvert – Victoria, BC

1 C&P

16. Captain Goddard M.S.M.

3 SCIENCE

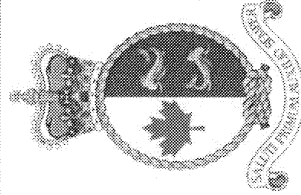
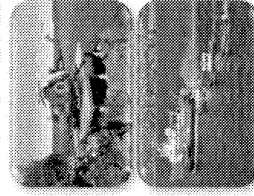
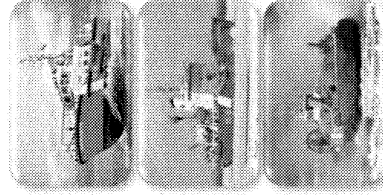
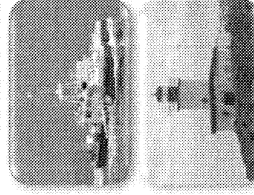
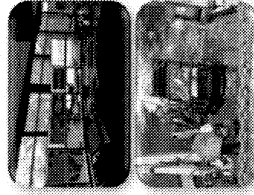
17. John P. Tully – Haida Gwaii, BC.
18. Vector – Strait of Georgia, BC
19. Neocaligus – Prince Rupert, BC

0 AIDS TO NAVIGATION

1 TOWING

20. Atlantic Eagle – Victoria, BC

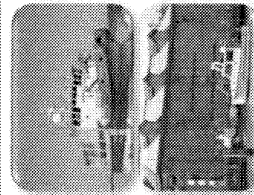
OPERATIONS BRIEFING



19 November 2018



SÉANCE D'INFORMATION DES OPÉRATIONS



19 novembre 2018

**TODAY'S SCHEDULE /
HORAIRE D'AUJOURD'HUI**

#	MEETING / RÉUNION	ATTENDANCE / PERS. REQUIS
1.	MORNING OPS / SÉANCE D'INFO	ALL / TOUS
2.	ROUNDTABLE / TOUR DE TABLE	THOSE REQUIRED / CEUX REQUIS

**NATIONAL SECURITY LEVELS /
NIVEAUX DE SÉCURITÉ NATIONALE**

SECURITY SECTION DIVISION DE SÛRETÉ	RESPONSIBLE AGENCY AGENCE RESPONSABLE	LEVEL / NIVEAU
MARINE SECURITY (MARSEC) SÛRETÉ MARITIME (MARSEC)	TRANSPORT CANADA	
FEDERAL FACILITIES SECURITY SÛRETÉ D'ÉDIFICES FÉDÉRAUX	SECURITY SERVICE CANADA	
NATIONAL TERRORISM THREAT MENACE TERRORISME NATIONALE	UNITED STATES DEPARTMENT OF JUSTICE DEPARTMENT OF JUSTICE DU TERRORISME	Medium

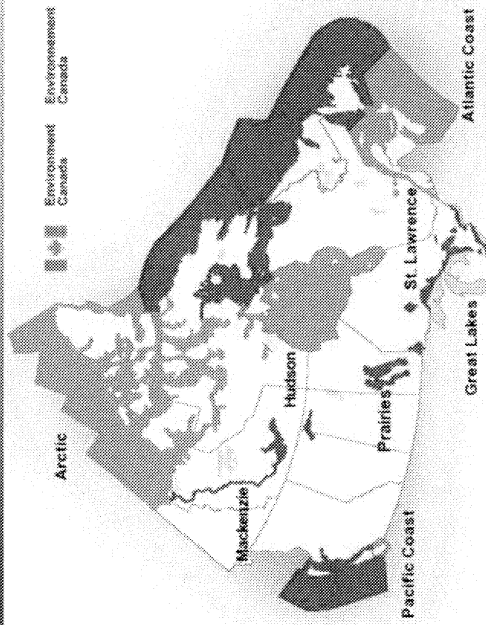
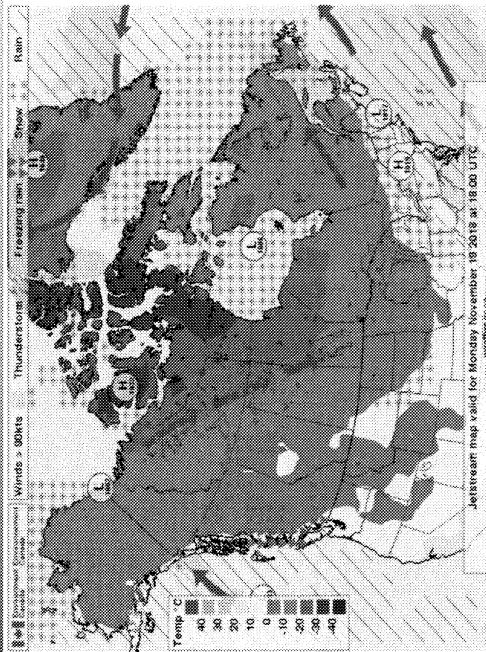
CANADIAN COAST GUARD (CCG) ASSET DISPOSITION
DISPOSITION DES ÉLÉMENTS DE LA GARDE CÔTIÈRE CANADIENNE

10	Vessels Under Construction/Navires En Construction	43	Central and Arctic	44	Atlantic
3	Awaiting Disposal / Navires Pour Disposition	27	Operational	32	Operational
119	Vessels / Navires	4	Un-Planned Non-Operational	5	Un-Planned Non-Operational
22	Helicopters / Hélicoptères	12	Planned Non-Operational	9	Planned Non-Operational

Western	32	20	0	12
Operational				
Un-Planned Non-Operational				
Planned Non-Operational				

REDUCED / RÉDUITE RESTRICTED / RESTREINTE NORMAL / NORMALE HEIGHTENED / RENFORCÉE CRITICAL / CRITIQUE

WEATHER MÉTÉO



Tropical Cyclone Statement

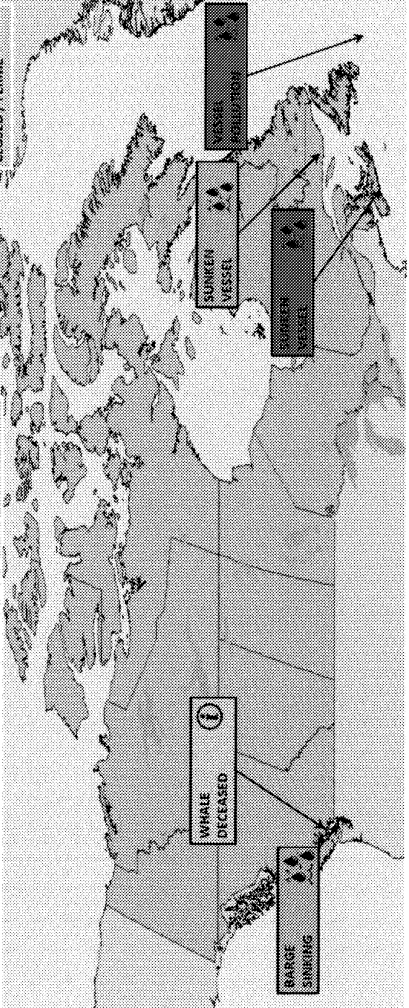
SIGNIFICANT INCIDENTS INCIDENTS SIGNIFICATIFS

SAR	PROTESTS / MANIFESTATIONS	POLLUTION	VOC / NP	VOI / NIS
TOW REMORQUAGE	PROTESTS / MANIFESTATIONS	NATURAL DISASTERS / DÉSASTRES NATURELS	VOI / NIS	INFO

NEW / NOUVEAU	ONGOING / EN COURS	CLOSED / FERMÉ
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SAR	PROTESTS / MANIFESTATIONS	POLLUTION	VOC / NP	VOI / NIS
TOW REMORQUAGE	PROTESTS / MANIFESTATIONS	NATURAL DISASTERS / DÉSASTRES NATURELS	VOI / NIS	INFO

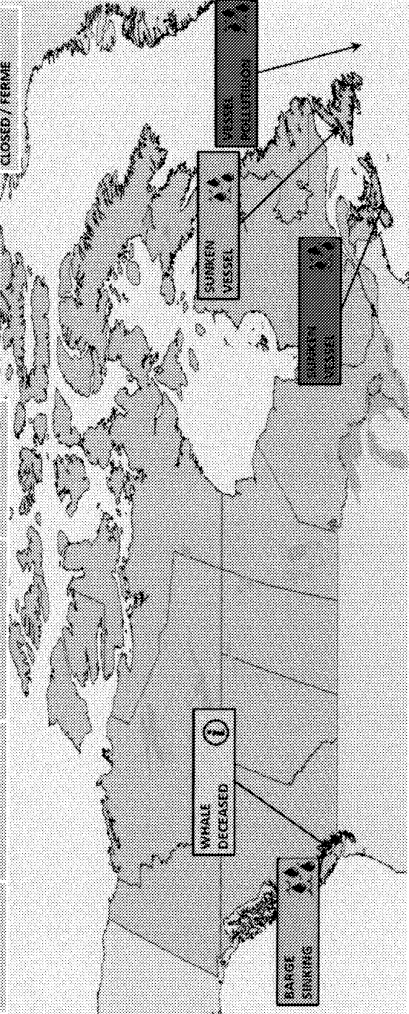
NEW / NOUVEAU	ONGOING / EN COURS	CLOSED / FERMÉ
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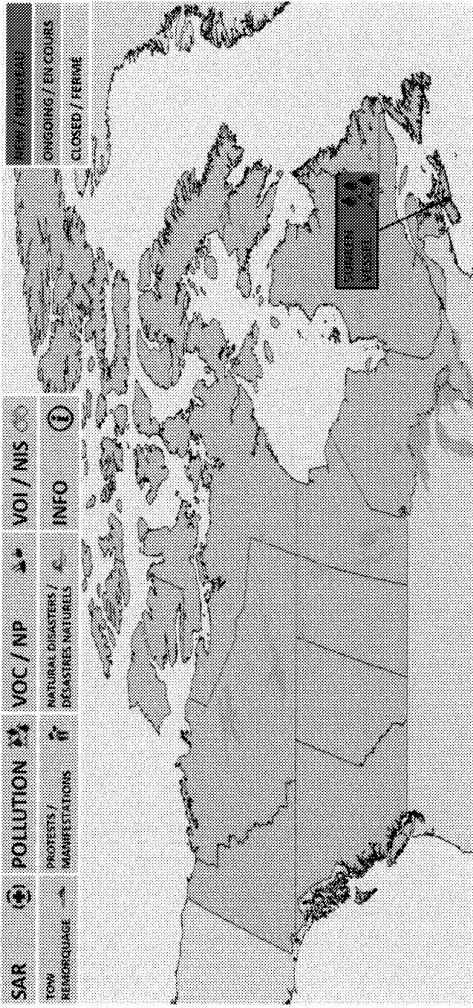
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TOW REMORQUAGE	PROTESTS / MANIFESTATIONS	NATURAL DISASTERS / DÉSASTRES NATURELS	VOI / NIS	INFO

NEW / NOUVEAU	ONGOING / EN COURS	CLOSED / FERMÉ
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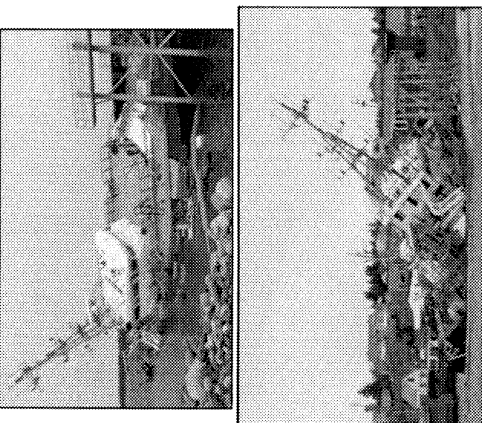
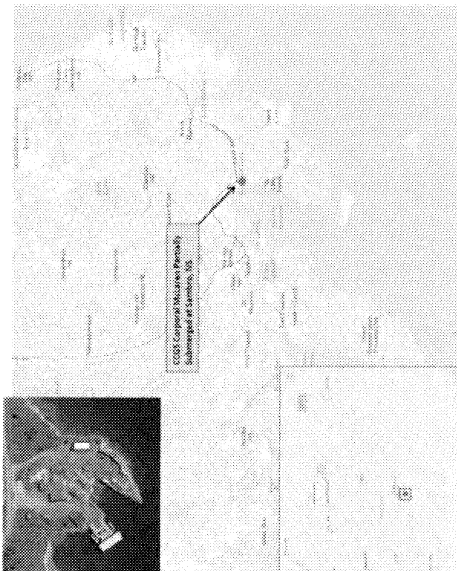


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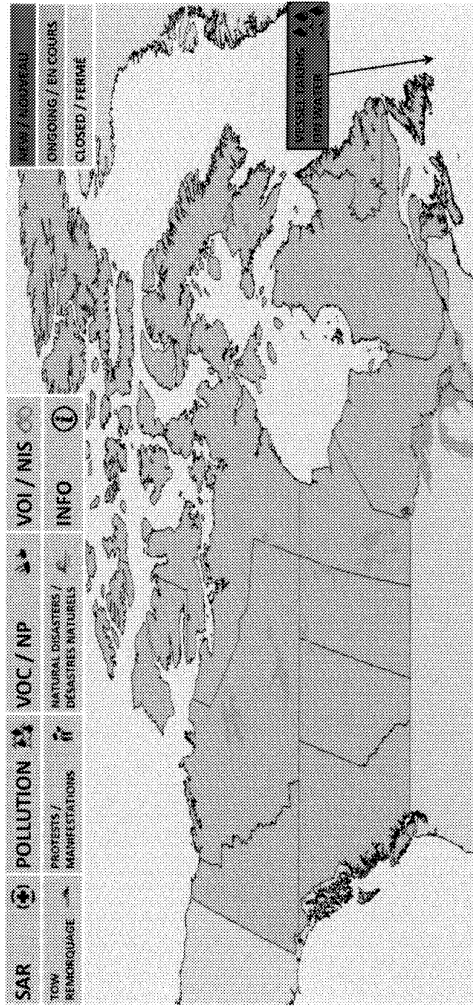
SAR	POLLUTION	VOC / NP	VOI / NIS
TOW REMORQUAGE	PROTESTS / MANIFESTATIONS	NATURAL DISASTERS / DÉSASTRES NATURELS	INFO



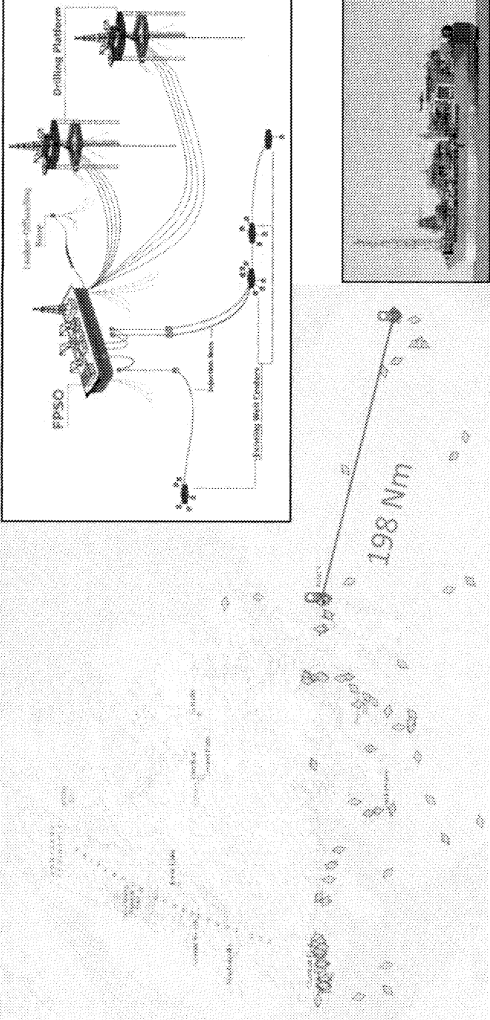
SIGNIFICANT INCIDENTS DETAILS / Vessel submerged DÉTAILS D'INCIDENTS SIGNIFICATIFS / Navire submergé



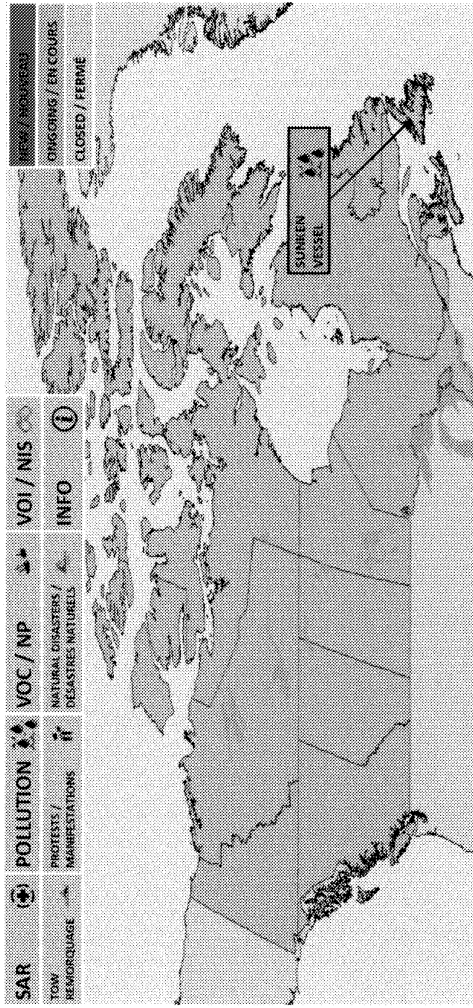
SIGNIFICANT INCIDENTS INCIDENTS SIGNIFICATIFS



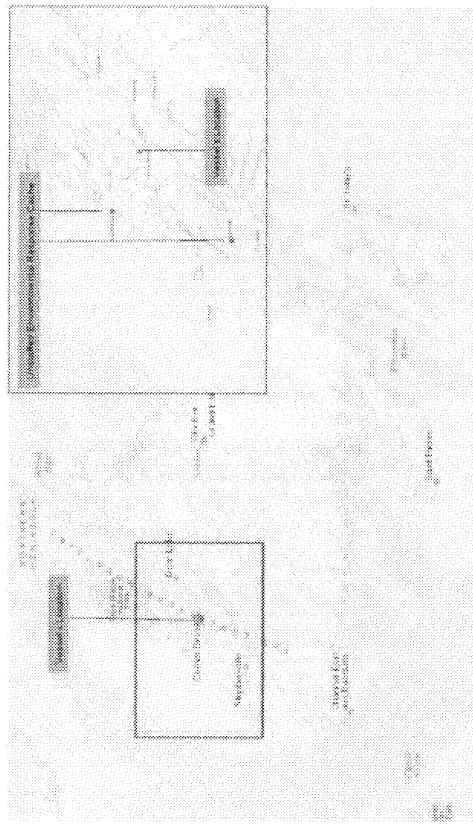
SIGNIFICANT INCIDENTS DETAILS / Crude Oil spill DÉTAILS D'INCIDENTS SIGNIFICATIFS / Déversements de pétrole brut

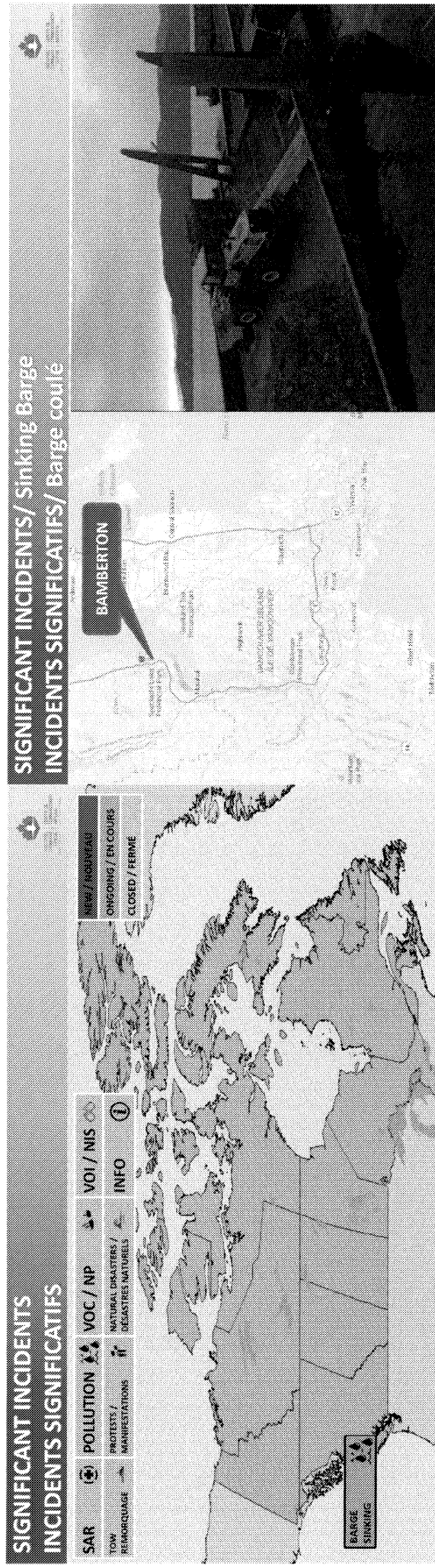


SIGNIFICANT INCIDENTS
INCIDENTS SIGNIFICATIFS

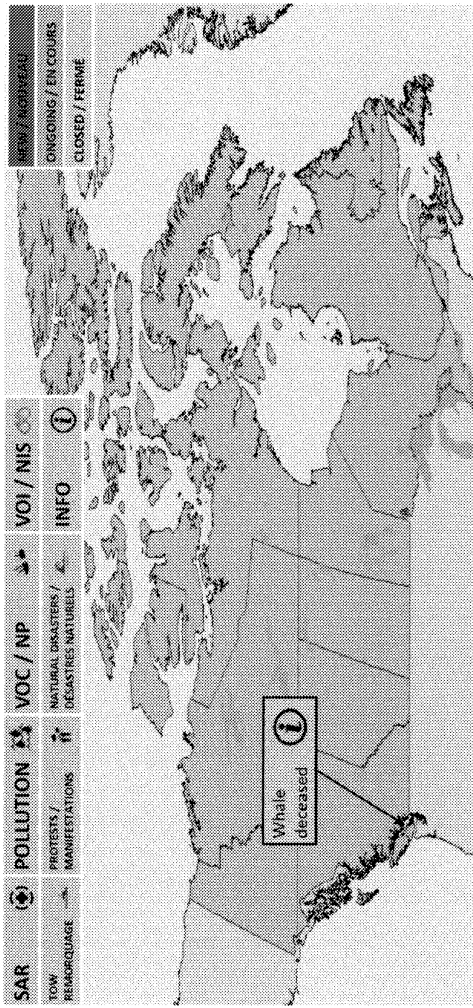


SIGNIFICANT INCIDENTS DETAILS / Sunken Vessel
DÉTAILS D'INCIDENTS SIGNIFICATIFS / Navire qui coule





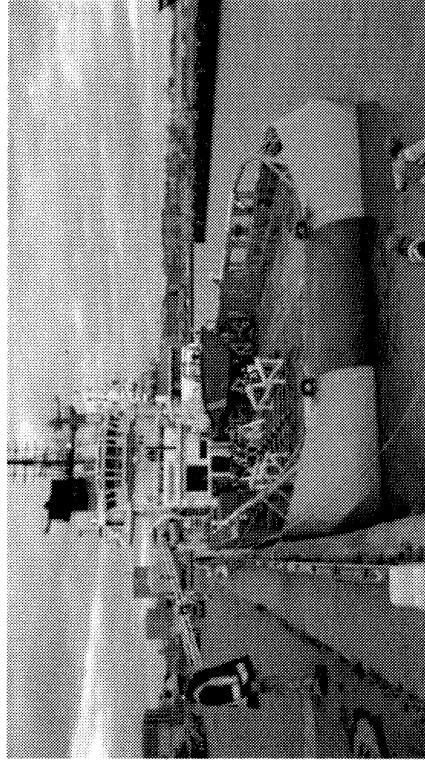
SIGNIFICANT INCIDENTS
INCIDENTS SIGNIFICATIFS



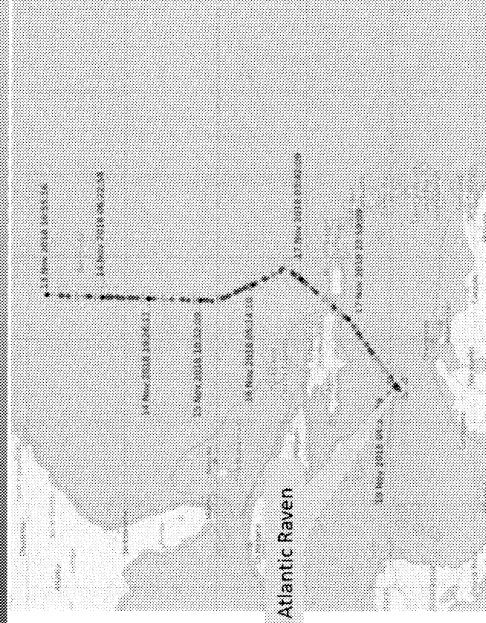
SIGNIFICANT INCIDENTS DETAILS / Humpback whale deceased
DÉTAILS D'INCIDENTS SIGNIFICATIFS / Baleine à bosse décédée








Atlantic Raven







Atlantic Raven




NON-OPERATIONAL CCG VESSELS – ATLANTIC REGION
NAVIRES NON-OPÉRATIONNELS DE LA GCC – RÉGION DE L'ATLANTIQUE

ID#	Vessel / Navire	Details / Détails			Image	ID#	Vessel / Navire	Details / Détails			Image
		DOS / DHS:	RTS / RES:	Location:				Unplanned maintenance. Replacing fuel pump.	DOS / DHS:	RTS / RES:	Location:
1	HARP (SAR)	Unplanned maintenance for port clutch issues. No firm timeline since still assessing whether gearbox can be repaired on site or will need to be sent away. Impact: Alternate coverage required for SAR on east coast of Newfoundland.	DOS / DHS: August 31 RTS / RES: Unknown Location: St. John's, NL			4	W. G. George				
2	SPRAY (SAR)	Refit delay. Extensive corrosion on hull. Impact: Minimal. Vessel is a spare.	DOS / DHS: August 31 RTS / RES: Unknown Location: Shelburne, NS			5	Cap Breton	Due to ice conditions in harbour.	DOS / DHS: Nov 19 RTS / RES: Unknown Location: Shipplagan, NB		
3	Corporal McLaren	The lines attaching the vessel to the cradle were vandalised, which lead to her slipping into the water. Investigation ongoing. Damage still being assessed. Impact: May affect C&P and SAR program	DOS / DHS: Nov. 17 RTS / RES: Unknown Location: Sambro, NS								

NON-OPERATIONAL CCG VESSELS – CENTRAL & ARCTIC REGION
NAVIRES NON-OPÉRATIONNELS DE LA GCC – RÉGION DU CENTRE ET DE L'ARCTIQUE

ID#	Vessel / Navire	Details / Détails			Image	ID#	Vessel / Navire	Details / Détails			Image
		DOS / DHS:	RTS / RES:	Location:				DOS / DHS:	RTS / RES:	Location:	
1	SIPU MUIN (AtoN)	Damaged starboard propeller, caused by impact with generator hatch. Propeller: new drive shaft received and installed. Generator hatch several weeks from being completed. Impact: None. CCGS Mamirossa can be used for AtoN program.		October 3 Unknown Trois-Rivières, QC		4	GRIFFON (AtoN)	Refit delay until Nov 16. Sea trials Nov 16-19. Impact: Delay to Aids to Navigation decommissioning program.		October 17 November 19 Les Méchins, QC	
2	CONSTABLE CARRIERE	Mobilization/demobilization. Crewing issues still ongoing. Will likely remain non-operational until close of season. Impact: None – no scheduled MSET program.		October 18 N/A Burlington, ON							
3	MARTHA L. BLACK (AtoN)	Delay in drydock. Impact: Delay to Aids to Navigation decommissioning program for commercial buoys.		October 17 November 23 Hamilton, ON							

CCG HELICOPTER DISPOSITION RÉPARTITION DES HÉLIOPTÈRES DE LA GCC										UNPLANNED NON-OPERATIONAL CCG HELICOPTERS HÉLIOPTÈRES NON-OPÉRATIONNELS NON-PLANIFIÉS DE LA GCC									
Western					Central and Arctic					Atlantic					DETAILS / DÉTAILS				
ID	Type	Location	Status	ID	Type	Location	Status	ID	Type	Location	Status	ID #	TYPE	BASE	DOS/DHS:	Nov 15	RTS/RES:	November 15	IMAGE
CG 435	Bell 429	Shoal Point, BC	●	CG 434	Bell 429	Parry Sound, ON	●	CG 432	Bell 429	CCGS Henry Larsen	●	CG 434	Bell 429	Parry Sound, ON	Floats unserviceable, unable to fly over water. Awaiting parts.				
CG 440	Bell 429	Shoal Point, BC	●	CG 439	Bell 429	Québec, QC	●	CG 433	Bell 429	Stephenville, NL	●				DOS/DHS:		RTS/RES:		
CG 443	Bell 429	Shoal Point, BC	●	CG 441	Bell 429	Québec, QC	▲	CG 436	Bell 429	Shearwater, NS	▲								
CG 943	Bell 412	Seal Cove Base, BC	▲	CG 444	Bell 429	Québec, QC	●	CG 437	Bell 429	St. John's, NB	●								
CG 945	Bell 412	Nanaimo, BC	●	CG 445	Bell 429	Ottawa, ON	▲	CG 438	Bell 429	CCGS Louis S. St-Laurent	●				DOS/DHS:		RTS/RES:		
CG 948	Bell 412	Shearwater, BC	●	CG 942	Bell 412	Parry Sound, ON	▲	CG 442	Bell 429	Stephenville, NL	▲								
				CG 945	Bell 412	Québec, QC	▲	CG 446	Bell 429	Ottawa, ON	▲				DOS/DHS:		RTS/RES:		
								CG 944	Bell 412	Ottawa, ON	▲								
								CG 947	Bell 412	St. John's, NL	●				DOS/DHS:		RTS/RES:		
Operational					Planned Non Operational					Unplanned Non Operational									

OPERATIONAL EXERCISE PLAN November 19 – December 2, 2018
PLAN D'EXERCICES OPERATIONNEL 19 novembre – 2 décembre 2018



DETAILS DÉTAILS											
Western Ouest			Central and Arctic Centre et Arctique			Atlantic Maritimes			Other Autres		
Location	Details	Status	Location	Details	Status	Location	Details	Status	Location	Details	Status
Powell River, BC	SAR: Emergency Position Indicating Radio Beacon transmission and air search in the Powell River, BC area.	ON TRACK SUR LA VUE				Madagascar, IS	ER: T-11 - 1,000 Supplies Marine operation 21 Nov	ON TRACK SUR LA VUE	Dar es Salaam, Tanzania	Express 19 2 Nov	ON TRACK SUR LA VUE
						St. John's, NL	SAR: day and night saturation training for our aircraft with insertion of persons, life rafts, and person in water. Assets will include	ON TRACK SUR LA VUE	Nigeria, Africa	Express 19 Jan 2019	ON TRACK SUR LA VUE
									Togo/Ghana Africa	Express 19 March 2019	ON TRACK SUR LA VUE

Events



November 19 - 20	Navy and Coast Guard Day – Ottawa
Nov 20	Transgender Remembrance Day
Nov 22	GCWCC Kitchen Party
November 23	MP Fisher – Contract Vessels of Concerns (Dartmouth, NS)
November 29	Respect Day

Multimedia Projects



Nov 19	GBA+ learning video w/Status of Women Canada
Nov 19	Navy and Coast Guard Day - Video (year in review)
Nov 19	Pride Video wrap-up
Nov to early 2019	Recruitment – Advertising Campaign

Technical Briefings



Winter 2018	Icebreaking Season (South of 60) - TBC
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s.16(2)
s.19(1)

CCG SENIOR MANAGEMENT DISPOSITION / DISPOSITION DE LA HAUTE GESTION DE LA GCC				N/A	
Personnel / Personne	Position	Location	NA		
J. Hutchinson	Commissioner / Commissaire	OTTAWA			
M. Pelletier	Deputy Commissioner - Operations / Sous-commissaire - Opérations	OTTAWA			
A. Smith	Deputy Commissioner - Strategy & Shipbuilding / Sous-commissaire - Stratégie et construction navale	OTTAWA			
J. Gascon	Director General - Operations / Directeur général - Opérations	OTTAWA			
S. Ryan	Director General - Integrated Technical Services / Directeur général - Services techniques intégrés	OTTAWA			
M. Sanderson	Acting Director General - National Strategies / Directeur général par intérim - Stratégies nationales	OTTAWA			
M-C. Haubert	Director General - Integrated Business Management Services / Directrice générale - Services de gestion intégrée des affaires	OTTAWA			
R. Wight	Director General - Major Projects / Directeur général - Projets majeurs	OTTAWA			
G. Ivany	Acting Assistant Commissioner - Central & Arctic Region / Commissaire adjoint par intérim - Région du Centre et de l'Arctique	OTTAWA / MONTREAL			
B. Leblanc	Acting Assistant Commissioner - Atlantic Region / Commissaire adjoint par intérim - Région de l'Atlantique	ST. JOHN'S			
R. Girouard	Assistant Commissioner - Western Region / Commissaire adjoint - Région de l'Ouest		Miriam Van Roosmalen		
P. Jean	Acting Executive Director - Canadian Coast Guard College / Directeur exécutif par intérim - Collège de la Garde côtière canadienne	SYDNEY			

NATIONAL COMMAND CENTRE INFORMATION BULLETIN /
BULLETIN D'INFORMATION DU CENTRE DE COMMANDEMENT NATIONAL

NCC DUTY OFFICER / AGENT DU NCC EN SERVICE

Rachel Duhaime

CONTACT NUMBERS / NUMÉROS DE CONTACT

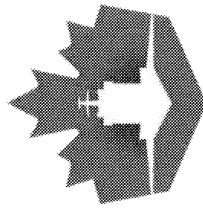


Page 411

**is withheld pursuant to section
est retenue en vertu de l'article**

19(1)

**of the Access to Information Act
de la Loi sur l'accès à l'information**

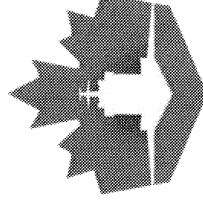


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COMMANDEMENT
NATIONAL

CANADIAN COAST GUARD

GARDE CÔTIÈRE CANADIENNE

Annibalini, Sara

From: Smith, Fiona
Sent: Monday, November 19, 2018 11:42 AM
To: Mackenzie, Joey; Stanek, Frank; Trudeau, Miriam; Lebel, Mathieu; Whiffen, Sam
Cc: Whiffen, Sam; Dunderdale, Sara; Hubley, Marian; McElhone, Kathryn; Saindon, Carole; Chow, Vance; NCR Media RCN (DFO/MPO); Mayrand, Benoit
Subject: RE: NRCan

I'll add them in

Fiona Smith

Senior Communications Advisor | Conseillère principale en communications
Canadian Coast Guard | Garde côtière canadienne
NEW BB: [REDACTED]

From: Mackenzie, Joey
Sent: November-19-18 11:41 AM
To: Smith, Fiona; Stanek, Frank; Trudeau, Miriam; Lebel, Mathieu; Whiffen, Sam
Cc: Whiffen, Sam; Dunderdale, Sara; Hubley, Marian; McElhone, Kathryn; Saindon, Carole; Chow, Vance; NCR Media RCN (DFO/MPO); Mayrand, Benoit
Subject: RE: NRCan

Also, should NRCan be identified as us being in contact with them...

From: Smith, Fiona
Sent: Monday, November 19, 2018 11:39 AM
To: Mackenzie, Joey <Joey.Mackenzie@dfo-mpo.gc.ca>; Stanek, Frank <Frank.Stanek@dfo-mpo.gc.ca>; Trudeau, Miriam <Miriam.Trudeau@dfo-mpo.gc.ca>; Lebel, Mathieu <Mathieu.Lebel@dfo-mpo.gc.ca>; Whiffen, Sam <Sam.Whiffen@dfo-mpo.gc.ca>
Cc: Whiffen, Sam <Sam.Whiffen@dfo-mpo.gc.ca>; Dunderdale, Sara <Sara.Dunderdale@dfo-mpo.gc.ca>; Hubley, Marian <Marian.Hubley@dfo-mpo.gc.ca>; McElhone, Kathryn <Kathryn.Mcelhone@dfo-mpo.gc.ca>; Saindon, Carole <Carole.Saindon@dfo-mpo.gc.ca>; Chow, Vance <Vance.Chow@dfo-mpo.gc.ca>; NCR Media RCN (DFO/MPO) <Media.XNCR@dfo-mpo.gc.ca>; Mayrand, Benoit <Benoit.Mayrand@dfo-mpo.gc.ca>
Subject: Re: NRCan

Frank - I will update the other email trail and send back to you.

Fiona Smith
[REDACTED]

From: Mackenzie, Joey
Sent: Monday, November 19, 2018 11:37 AM
To: Stanek, Frank; Trudeau, Miriam; Smith, Fiona; Lebel, Mathieu; Whiffen, Sam
Cc: Whiffen, Sam; Dunderdale, Sara; Hubley, Marian; McElhone, Kathryn; Saindon, Carole; Chow, Vance; NCR Media RCN (DFO/MPO); Mayrand, Benoit
Subject: RE: NRCan

Hi,

Some changes noted below.

Thanks,

Joey

From: Stanek, Frank

Sent: Monday, November 19, 2018 11:34 AM

To: Mackenzie, Joey <Joey.Mackenzie@dfo-mpo.gc.ca>; Trudeau, Miriam <Miriam.Trudeau@dfo-mpo.gc.ca>; Smith, Fiona <Fiona.Smith@dfo-mpo.gc.ca>; Lebel, Mathieu <Mathieu.Lebel@dfo-mpo.gc.ca>; Whiffen, Sam <Sam.Whiffen@dfo-mpo.gc.ca>

Cc: Whiffen, Sam <Sam.Whiffen@dfo-mpo.gc.ca>; Dunderdale, Sara <Sara.Dunderdale@dfo-mpo.gc.ca>; Hubley, Marian <Marian.Hubley@dfo-mpo.gc.ca>; McElhone, Kathryn <Kathryn.Mcelhone@dfo-mpo.gc.ca>; Saindon, Carole <Carole.Saindon@dfo-mpo.gc.ca>; Chow, Vance <Vance.Chow@dfo-mpo.gc.ca>; NCR Media RCN (DFO/MPO) <Media.XNCR@dfo-mpo.gc.ca>; Mayrand, Benoit <Benoit.Mayrand@dfo-mpo.gc.ca>

Subject: RE: NRCan

Reworked lines - what about this as response to share up and provide to the CBC?

Frank

The Canada-Newfoundland and Labrador Offshore Petroleum Board is in regular contact with the Canadian Coast Guard and Environment and Climate Change Canada as Husky Energy conducts an assessment and implements its response plan.

~~Although~~ The Canadian Coast Guard is not leading the response to this incident, we are providing full support to the Canada-Newfoundland and Labrador Offshore Petroleum Board and all response partners.

The Coast Guard has environmental response personnel and equipment that was recently upgraded under the Oceans Protection Plan standing by to help, if requested.

The Canadian Coast Guard ~~we~~ will continue to monitor the incident and will stay in close contact with the Canada-Newfoundland and Labrador Offshore Petroleum Board as the assessment and response plan progresses.

For the latest updates on the situation, please contact Husky Energy or the Canada-Newfoundland and Labrador Offshore Petroleum Board.

From: Mackenzie, Joey

Sent: November-19-18 11:22 AM

To: Trudeau, Miriam; Smith, Fiona; Stanek, Frank; Lebel, Mathieu; Whiffen, Sam

Cc: Whiffen, Sam; Dunderdale, Sara; Hubley, Marian; McElhone, Kathryn; Saindon, Carole; Chow, Vance; NCR Media RCN

(DFO/MPO); Mayrand, Benoit

Subject: RE: NRCan

Thanks for the update and that works.

Joey

From: Trudeau, Miriam

Sent: Monday, November 19, 2018 11:18 AM

To: Smith, Fiona <Fiona.Smith@dfo-mpo.gc.ca>; Stanek, Frank <Frank.Stanek@dfo-mpo.gc.ca>; Lebel, Mathieu <Mathieu.Lebel@dfo-mpo.gc.ca>; Whiffen, Sam <Sam.Whiffen@dfo-mpo.gc.ca>; Mackenzie, Joey <Joey.Mackenzie@dfo-mpo.gc.ca>

Cc: Whiffen, Sam <Sam.Whiffen@dfo-mpo.gc.ca>; Dunderdale, Sara <Sara.Dunderdale@dfo-mpo.gc.ca>; Hubley, Marian <Marian.Hubley@dfo-mpo.gc.ca>; McElhone, Kathryn <Kathryn.Mcelhone@dfo-mpo.gc.ca>; Saindon, Carole <Carole.Saindon@dfo-mpo.gc.ca>; Chow, Vance <Vance.Chow@dfo-mpo.gc.ca>; NCR Media RCN (DFO/MPO) <Media.XNCR@dfo-mpo.gc.ca>; Mayrand, Benoit <Benoit.Mayrand@dfo-mpo.gc.ca>

Subject: Re: NRCan

MINO asked if the second bullet can say " The Canada-Newfoundland and Labrador Offshore Petroleum Board is in contact with the Canadian Coast Guard and Environment and Climate Change Canada as Husky conducts an assessment and implements its response plan."

Rather than lead with CCG being in contact with the Board just to re-iterate that the Board is the lead and not CCG (or GoC)

Miriam

Sent from my BlackBerry 10 smartphone on the Bell network.

From: Smith, Fiona

Sent: Monday, November 19, 2018 11:13 AM

To: Trudeau, Miriam; Stanek, Frank; Lebel, Mathieu; Whiffen, Sam; Mackenzie, Joey

Cc: Whiffen, Sam; Dunderdale, Sara; Hubley, Marian; McElhone, Kathryn; Saindon, Carole; Chow, Vance; NCR Media RCN (DFO/MPO); Mayrand, Benoit

Subject: Re: NRCan

Our lines cover those points. Thanks!

Fiona Smith

From: Trudeau, Miriam

Sent: Monday, November 19, 2018 11:11 AM

To: Stanek, Frank; Smith, Fiona; Lebel, Mathieu; Whiffen, Sam; Mackenzie, Joey

Cc: Whiffen, Sam; Dunderdale, Sara; Hubley, Marian; McElhone, Kathryn; Saindon, Carole; Chow, Vance; NCR Media RCN (DFO/MPO); Mayrand, Benoit

Subject: Re: NRCan

I am at the MINO-Comms meeting. Just spoke with Jocelyn. She would like for the bullets to be cleared that the company is leading this incident.

She touched based with PMO. NRCan is the lead but they are not putting a spokesperson. The thinking is to have the board to have a spokes and if our CCG rep is joining them, they can speak to our role - and that we are ready to assist if need be.

Sent from my BlackBerry 10 smartphone on the Bell network.

From: Stanek, Frank
Sent: Monday, November 19, 2018 11:01 AM
To: Trudeau, Miriam; Smith, Fiona; Lebel, Mathieu; Whiffen, Sam; Mackenzie, Joey
Cc: Whiffen, Sam; Dunderdale, Sara; Hubley, Marian; McElhone, Kathryn; Saindon, Carole; Chow, Vance; NCR Media RCN (DFO/MPO); Mayrand, Benoit
Subject: RE: NRCan

Adding Joey.

Frank

From: Stanek, Frank
Sent: November-19-18 10:58 AM
To: Trudeau, Miriam; Smith, Fiona; Lebel, Mathieu; Whiffen, Sam
Cc: Whiffen, Sam; Dunderdale, Sara; Hubley, Marian; McElhone, Kathryn; Saindon, Carole; Chow, Vance; NCR Media RCN (DFO/MPO); Mayrand, Benoit
Subject: NRCan

Hi – I will reply back to MINO via protocol with NRCan recommendation.

Frank

From: Media_Relations / Media_Relations (NRCan/RNCan) [mailto:NRCan.media_relations-media_relations.RNCan@canada.ca]
Sent: November-19-18 10:51 AM
To: Stanek, Frank; Media_Relations / Media_Relations (NRCan/RNCan)
Cc: NCR Media RCN (DFO/MPO); Saindon, Carole; Chow, Vance; Mayrand, Benoit; Eatmon, Keegan; Lebel, Mathieu; Trudeau, Miriam; Smith, Fiona
Subject: RE: FYI response to media query - Searose oil field spill, NL and CCG

Hi Frank,

The board would be in a better position to grant an interview on this matter. They have been posting statements, to which the reporter could be referred.

Additionally, media requests on the spill can also be referred to Husky Energy.
Mel Duvall, Senior Manager, Media & Issues
403-513-7602

Merci!
Catherine

From: Stanek, Frank <Frank.Stanek@dfo-mpo.gc.ca>
Sent: November 19, 2018 10:30 AM
To: Media_Relations / Media_Relations (NRCan/RNCan) <NRCan.media_relations-media_relations.RNCan@canada.ca>
Cc: NCR Media RCN (DFO/MPO) <Media.XNCR@dfo-mpo.gc.ca>; Saindon, Carole <Carole.Saindon@dfo-mpo.gc.ca>; Chow, Vance <Vance.Chow@dfo-mpo.gc.ca>; Mayrand, Benoit <Benoit.Mayrand@dfo-mpo.gc.ca>; Eatmon, Keegan

<Keegan.Eatmon@dfo-mpo.gc.ca>; Lebel, Mathieu <Mathieu.Lebel@dfo-mpo.gc.ca>; miriam trudeau Ext-PCH
<miriam.trudeau@dfo-mpo.gc.ca>; Smith, Fiona <Fiona.Smith@dfo-mpo.gc.ca>

Subject: RE: FYI response to media query - Searose oil field spill, NL and CCG

Hi – CBC is requesting an interview. As NRCan is G of C lead, are you folks or the Board able to offer an interview today to the CBC [REDACTED] CCG would be willing to provide technical support

Please advise.

Frank
(613) 990-0499

From: Stanek, Frank

Sent: November-19-18 9:38 AM

To: 'NRCan.media_relations-media_relations.RNCan@canada.ca'

Cc: NCR Media RCN (DFO/MPO); Saindon, Carole; Chow, Vance; Mayrand, Benoit; Eatmon, Keegan

Subject: FYI response to media query - Searose oil field spill, NL and CCG

Importance: High

Hi. Please see enclosed details. As the board follows under NRCan, sharing as FYI.

Frank Stanek

Manager, Media Relations | Gestionnaire, Relations avec les médias

Fisheries and Oceans and the Canadian Coast Guard | Pêches et Océans et la Garde côtière canadienne

(613) 990-0499

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Follow us on Twitter: [@CoastGuardCAN](#) | Suivez nous sur Twitter: [@GardeCotiereCAN](#)

Issue: [REDACTED] CBC, News [REDACTED]

requesting an interview concerning the oil spill which occurred at the SeaRose FPSO in the White Rose oilfield off Newfoundland on Friday with a member of the team charged with overseeing/monitoring this incident on behalf of Coast Guard. We would like to know what the current situation is as there is great public interest in this story, given that it is the largest oil spill in the history of the Newfoundland offshore.

Deadline: 9:45 a.m.

Background:

At 15:30 on Friday November 16, the SeaRose oil production platform (FPSO) reported losing approximately 250 cubic metres of crude as they resumed operations after inclement weather in Newfoundland. A surveillance flight late Friday afternoon observed 3 cubic meters of crude on the surface over 168 sq kilometers. Husky Energy has stood up their response center and the Eastern Canada Response Corporation has been activated. They are conducting an assessment and developing a response plan. Coast Guard remains in contact with the Canada-Newfoundland and Labrador Offshore Petroleum Board

Recommendation: provide written response and possibly an interview with CCG spokesperson.

Media Lines:

- The Canadian Coast Guard received a report at 15:30 on November 16 that the SeaRose FPSO, a floating oil production, storage and offloading vessel owned and operated by Husky Oil Operations Ltd., had lost crude in the White Rose Oil Field 350 kilometres off the coast of Newfoundland.
- The Canadian Coast Guard is in contact with the Canada-Newfoundland and Labrador Offshore Petroleum Board and Environment and Climate Change Canada as Husky conducts an assessment and implements its response plan.
- The Canadian Coast Guard participated in a surveillance flight on Saturday morning along with Eastern Canada Response Corporation representatives to assess the situation.
- We will continue to monitor the incident and will stay in close contact with the Canada-Newfoundland and Labrador Offshore Petroleum Board as the assessment and response plan progresses.

Responsive only:

- The Canadian Coast Guard is not leading the response to this incident, but we are providing full support to the Canada-Newfoundland and Labrador Offshore Petroleum Board and all response partners.
- The Coast Guard has environmental response personnel and equipment that was recently upgraded under the Oceans Protection Plan standing by to help if requested.
- For information on the amount of oil lost please contact Husky Oil or the Canada-Newfoundland and Labrador Offshore Petroleum Board.

Whiffen, Sam

From: Whiffen, Sam
Sent: November-19-18 1:05 PM
To: Smith, Fiona; Trudeau, Miriam; Stanek, Frank
Cc: Dunderdale, Sara
Subject: RE: the CBC inquiry

Okay thanks. Let me know when we have the green light.

From: Smith, Fiona
Sent: November-19-18 1:05 PM
To: Whiffen, Sam; Trudeau, Miriam; Stanek, Frank
Cc: Dunderdale, Sara
Subject: RE: the CBC inquiry

Hi Sam – my understanding is no interview at this time, use line below re: lead/CCG role and defer to CNLOPB and NRCan.
I have cleaned up the lines and included MINO's last change. Pasted here and removed the previous trail for simplicity.

Issue [REDACTED] CBC, News [REDACTED] requesting an interview concerning the oil spill which occurred at the SeaRose FPSO in the White Rose oilfield off Newfoundland on Friday with a member of the team charged with overseeing/monitoring this incident on behalf of Coast Guard. We would like to know what the current situation is as there is great public interest in this story, given that it is the largest oil spill in the history of the Newfoundland offshore.

Deadline: 9:45 a.m.

Background:

At 15:30 on Friday November 16, the SeaRose oil production platform (FPSO) reported losing approximately 250 cubic metres of crude as they resumed operations after inclement weather in Newfoundland. A surveillance flight late Friday afternoon observed 3 cubic meters of crude on the surface over 168 sq kilometers. Husky Energy has stood up their response center and the Eastern Canada Response Corporation has been activated. They are conducting an assessment and developing a response plan. Coast Guard remains in contact with the Canada-Newfoundland and Labrador Offshore Petroleum Board

Recommendation: provide written response and possibly an interview with CCG spokesperson.

Media Lines:

- The Canadian Coast Guard received a report at 15:30 on November 16 that the SeaRose FPSO, a floating oil production, storage and offloading vessel owned and operated by Husky Oil Operations Ltd., had lost crude in the White Rose Oil Field 350 kilometres off the coast of Newfoundland.
- The Canada-Newfoundland and Labrador Offshore Petroleum Board is in contact with the Canadian Coast Guard and Environment and Climate Change Canada as Husky conducts an assessment and implements its response plan.
- The Canadian Coast Guard participated in a surveillance flight on Saturday morning along with Eastern Canada Response Corporation representatives to assess the situation.

- We will continue to monitor the incident and will stay in close contact with the Canada-Newfoundland and Labrador Offshore Petroleum Board as the assessment and response plan progresses.

Responsive only:

- The Canadian Coast Guard is not leading the response to this incident, but we are providing full support to the Canada-Newfoundland and Labrador Offshore Petroleum Board and all response partners
- The Coast Guard has environmental response personnel and equipment that was recently upgraded under the Oceans Protection Plan standing by to help if requested.
- For information on the amount of oil lost please contact Husky Oil or the Canada-Newfoundland and Labrador Offshore Petroleum Board.

Fiona Smith

Senior Communications Advisor | Conseillère principale en communications
Canadian Coast Guard | Garde côtière canadienne

NEW BB: [REDACTED]

From: Whiffen, Sam

Sent: November-19-18 11:26 AM

To: Smith, Fiona; Trudeau, Miriam; Stanek, Frank

Cc: Dunderdale, Sara

Subject: the CBC inquiry

Hi,

I need some clarification.

For the reporter's request, so that I understand. Are we declining the interview asking us about CCG's role in this incident and then referring the reporter to NRCan to speak to the federal agencies? Or are we declining the interview, providing the written lines, and advising reporter that the CNLOPB is the lead and will speak to the incident?

Thanks

Sam

Whiffen, Sam

From: Whiffen, Sam
Sent: November-19-18 12:24 PM
To: Stanek, Frank
Subject: RE: Time-sensitive - for approval - interview request CBC-TV response media query - Searose oil field spill, NL

Do we have the oaky?

From: Stanek, Frank
Sent: November-19-18 11:54 AM
To: Young, George; Lubczuk, Jocelyn
Cc: Des Rosiers, Marie-Pascale; Mitchell, Laura; O'Grady, Samantha; Tran, Thi; Choeurng, Stephanie; Windsor, Victoria; O'Halloran, Mark; Kahn, Zoe; Jarjour, Jasmine; Hirani, Samia; Butcher, Ashley; Turple, Justin; Belle-Isle, Alain; Hubley, Marian; Trudeau, Miriam; McElhone, Kathryn; Smith, Fiona; Sloan, Glen; Mackenzie, Joey; Lebel, Mathieu; Bisailon, Annie; Olson, Kathleen; Lockhart, Tara; Saindon, Carole; Mayrand, Benoit; NCR Media RCN (DFO/MPO); Whiffen, Sam; Dunderdale, Sara; Morris, Christina
Subject: RE: Time-sensitive - for approval - interview request CBC-TV response media query - Searose oil field spill, NL

Hi David Yard is the superintendent for environmental response, CCG Atlantic. I shared earlier lines with NRCAN and noted an interview with CCG may be considered, (TBC) but would only speak to CCG's area of expertise. I will follow-up with NRCAN now.

Frank

From: Young, George
Sent: November-19-18 10:17 AM
To: Stanek, Frank; Lubczuk, Jocelyn
Cc: Des Rosiers, Marie-Pascale; Mitchell, Laura; O'Grady, Samantha; Tran, Thi; Choeurng, Stephanie; Windsor, Victoria; O'Halloran, Mark; Kahn, Zoe; Jarjour, Jasmine; Hirani, Samia; Butcher, Ashley; Turple, Justin; Belle-Isle, Alain; Hubley, Marian; Trudeau, Miriam; McElhone, Kathryn; Smith, Fiona; Sloan, Glen; Mackenzie, Joey; Lebel, Mathieu; Bisailon, Annie; Olson, Kathleen; Lockhart, Tara; Saindon, Carole; Mayrand, Benoit; NCR Media RCN (DFO/MPO); Whiffen, Sam; Dunderdale, Sara; Morris, Christina
Subject: RE: Time-sensitive - for approval - interview request CBC-TV response media query - Searose oil field spill, NL

I thought I read earlier that NRCAN is the lead federal department on this matter. How do processes work, then, that would see DFO providing a media interview? I see Mr. Yard is a DFO employee in St. John's.

Thanks for the background, in advance.

Regards,
George Young

Acting-Chief of Staff / Chef de cabinet par intérim
Office of the Hon. Jonathan Wilkinson / Bureau de L'hon Jonathan Wilkinson
Minister of Fisheries, Oceans and the Canadian Coast Guard /
Ministre des Pêches, des Océans et de la Garde côtière canadienne

T : 613-992-3474

From: Stanek, Frank

Sent: November 19, 2018 10:11 AM

To: Lubczuk, Jocelyn <Jocelyn.Lubczuk@dfo-mpo.gc.ca>

Cc: Des Rosiers, Marie-Pascale <Marie-Pascale.DesRosiers@dfo-mpo.gc.ca>; Mitchell, Laura <Laura.Mitchell@dfo-mpo.gc.ca>; Young, George <George.Young@dfo-mpo.gc.ca>; O'Grady, Samantha <Samantha.O'grady@dfo-mpo.gc.ca>; Tran, Thi <Thi.Tran@dfo-mpo.gc.ca>; Choeurng, Stephanie <Stephanie.Choeurng@dfo-mpo.gc.ca>; Windsor, Victoria <Victoria.Windsor@dfo-mpo.gc.ca>; O'Halloran, Mark <Mark.O'Halloran@dfo-mpo.gc.ca>; Kahn, Zoe <Zoe.Kahn@dfo-mpo.gc.ca>; Jarjour, Jasmine <Jasmine.Jarjour@dfo-mpo.gc.ca>; Hirani, Samia <Samia.Hirani@dfo-mpo.gc.ca>; Butcher, Ashley <Ashley.Butcher@dfo-mpo.gc.ca>; Turple, Justin <Justin.Turple@dfo-mpo.gc.ca>; Belle-Isle, Alain <Alain.Belle-Isle@dfo-mpo.gc.ca>; Hubley, Marian <Marian.Hubley@dfo-mpo.gc.ca>; Trudeau, Miriam <Miriam.Trudeau@dfo-mpo.gc.ca>; McElhone, Kathryn <Kathryn.Mcelhone@dfo-mpo.gc.ca>; Smith, Fiona <Fiona.Smith@dfo-mpo.gc.ca>; Sloan, Glen <Glen.Sloan@dfo-mpo.gc.ca>; Mackenzie, Joey <Joey.Mackenzie@dfo-mpo.gc.ca>; Lebel, Mathieu <Mathieu.Lebel@dfo-mpo.gc.ca>; Bisailon, Annie <Annie.Bisailon@dfo-mpo.gc.ca>; Olson, Kathleen <Kathleen.Olson@dfo-mpo.gc.ca>; Lockhart, Tara <Tara.Lockhart@dfo-mpo.gc.ca>; Saindon, Carole <Carole.Saindon@dfo-mpo.gc.ca>; Mayrand, Benoit <Benoit.Mayrand@dfo-mpo.gc.ca>; NCR Media RCN (DFO/MPO) <Media.XNCR@dfo-mpo.gc.ca>; Whiffen, Sam <Sam.Whiffen@dfo-mpo.gc.ca>; Dunderdale, Sara <Sara.Dunderdale@dfo-mpo.gc.ca>; Morris, Christina <Christina.Morris@dfo-mpo.gc.ca>

Subject: Time-sensitive - for approval - interview request CBC-TV response media query - Searose oil field spill, NL

Importance: High

Regarding CBC interview request – recommending providing an interview with David Yard, Superintendent ER. The approved lines below would be used.

Please advise by 10:30 a.m. if any concerns.

Thanks

Frank

From: Lubczuk, Jocelyn

Sent: November-19-18 9:02 AM

To: Stanek, Frank

Cc: Des Rosiers, Marie-Pascale; Mitchell, Laura; Young, George; O'Grady, Samantha; Tran, Thi; Choeurng, Stephanie; Windsor, Victoria; O'Halloran, Mark; Kahn, Zoe; Jarjour, Jasmine; Hirani, Samia; Butcher, Ashley; Turple, Justin; Belle-Isle, Alain; Hubley, Marian; Trudeau, Miriam; Smith, Fiona; Sloan, Glen; Mackenzie, Joey; Lebel, Mathieu; Bisailon, Annie; Olson, Kathleen; Lockhart, Tara; Saindon, Carole; Mayrand, Benoit; NCR Media RCN (DFO/MPO); Whiffen, Sam; Dunderdale, Sara

Subject: Re: For approval - response media query - Searose oil field spill, NL

Thanks. I will share this direction on my end as well.

Thanks,

Joc

From: Stanek, Frank

Sent: Monday, November 19, 2018 8:40 AM

To: Lubczuk, Jocelyn <Jocelyn.Lubczuk@dfo-mpo.gc.ca>

Cc: Des Rosiers, Marie-Pascale <Marie-Pascale.DesRosiers@dfo-mpo.gc.ca>; Mitchell, Laura

<Laura.Mitchell@dfo-mpo.gc.ca>; Young, George <George.Young@dfo-mpo.gc.ca>; O'Grady, Samantha <Samantha.O'grady@dfo-mpo.gc.ca>; Tran, Thi <Thi.Tran@dfo-mpo.gc.ca>; Choeurng, Stephanie <Stephanie.Choeurng@dfo-mpo.gc.ca>; Windsor, Victoria <Victoria.Windsor@dfo-mpo.gc.ca>; O'Halloran, Mark <Mark.O'Halloran@dfo-mpo.gc.ca>; Kahn, Zoe <Zoe.Kahn@dfo-mpo.gc.ca>; Jarjour, Jasmine <Jasmine.Jarjour@dfo-mpo.gc.ca>; Hirani, Samia <Samia.Hirani@dfo-mpo.gc.ca>; Butcher, Ashley <Ashley.Butcher@dfo-mpo.gc.ca>; Turple, Justin <Justin.Turple@dfo-mpo.gc.ca>; Belle-Isle, Alain <Alain.Belle-Isle@dfo-mpo.gc.ca>; Hubley, Marian <Marian.Hubley@dfo-mpo.gc.ca>; Trudeau, Miriam <Miriam.Trudeau@dfo-mpo.gc.ca>; Smith, Fiona <Fiona.Smith@dfo-mpo.gc.ca>; Sloan, Glen <Glen.Sloan@dfo-mpo.gc.ca>; Mackenzie, Joey <Joey.Mackenzie@dfo-mpo.gc.ca>; Lebel, Mathieu <Mathieu.Lebel@dfo-mpo.gc.ca>; Bisailon, Annie <Annie.Bisailon@dfo-mpo.gc.ca>; Olson, Kathleen <Kathleen.Olson@dfo-mpo.gc.ca>; Lockhart, Tara <Tara.Lockhart@dfo-mpo.gc.ca>; Saindon, Carole <Carole.Saindon@dfo-mpo.gc.ca>; Mayrand, Benoit <Benoit.Mayrand@dfo-mpo.gc.ca>; NCR Media RCN (DFO/MPO) <Media.XNCR@dfo-mpo.gc.ca>; Whiffen, Sam <Sam.Whiffen@dfo-mpo.gc.ca>; Dunderdale, Sara <Sara.Dunderdale@dfo-mpo.gc.ca>

Subject: For approval - response media query - Searose oil field spill, NL

Importance: High

Issue: [REDACTED] CBC, News [REDACTED]

requesting an interview concerning the oil spill which occurred at the SeaRose FPSO in the White Rose oilfield off Newfoundland on Friday with a member of the team charged with overseeing/monitoring this incident on behalf of Coast Guard. We would like to know what the current situation is as there is great public interest in this story, given that it is the largest oil spill in the history of the Newfoundland offshore.

Deadline: 9:45 a.m.

Background:

At 15:30 on Friday November 16, the SeaRose oil production platform (FPSO) reported losing approximately 250 cubic metres of crude as they resumed operations after inclement weather in Newfoundland. A surveillance flight late Friday afternoon observed 3 cubic meters of crude on the surface over 168 sq kilometers. Husky Energy has stood up their response center and the Eastern Canada Response Corporation has been activated. They are conducting an assessment and developing a response plan. Coast Guard remains in contact with the Canada-Newfoundland and Labrador Offshore Petroleum Board

Recommendation: provide written response

Approved by: The Commissioner's Office

Media Lines:

- The Canadian Coast Guard received a report at 15:30 on November 16 that the SeaRose FPSO, a floating oil production, storage and offloading vessel owned and operated by Husky Oil Operations Ltd., had lost crude in the White Rose Oil Field 350 kilometres off the coast of Newfoundland.
- The Canadian Coast Guard is in contact with the Canada-Newfoundland and Labrador Offshore Petroleum Board and Environment and Climate Change Canada as Husky conducts an assessment and implements its response plan.
- The Canadian Coast Guard participated in a surveillance flight on Saturday morning along with Eastern Canada Response Corporation representatives to assess the situation.

- We will continue to monitor the incident and will stay in close contact with the Canada-Newfoundland and Labrador Offshore Petroleum Board as the assessment and response plan progresses.

Responsive only:

- The Canadian Coast Guard is not leading the response to this incident, but we are providing full support to the Canada-Newfoundland and Labrador Offshore Petroleum Board and all response partners.
- The Coast Guard has environmental response personnel and equipment that was recently upgraded under the Oceans Protection Plan standing by to help if requested.
- For information on the amount of oil lost please contact Husky Oil or the Canada-Newfoundland and Labrador Offshore Petroleum Board.

LeBlanc, Brian (Acting AC, Atlantic Region)

From: Whiffen, Sam
Sent: November 19, 2018 1:08 PM
To: LeBlanc, Brian (Executive Director, CCGC); Miller, Anne; Yard, David C; Crann, Larry
Cc: Dunderdale, Sara
Subject: UPDATE - MEDIA INQUIRY: CBC - offshore oil release

We are waiting on revised media lines and approach from NHQ. I will share once received. After some discussion, it looks as though we will opt to provide a written response to the reporter, instead of an interview at this time.

From: Whiffen, Sam
Sent: November-19-18 9:21 AM
To: LeBlanc, Brian (Executive Director, CCGC); Miller, Anne; Yard, David C (David.Yard@dfo-mpo.gc.ca); Crann, Larry
Cc: Dunderdale, Sara
Subject: UPDATE - MEDIA INQUIRY: CBC - offshore oil release

I have an update to the media lines. NHQ added some language at the bottom about CNLOPB leading role and CCG support.

INQUIRY

[REDACTED] She is preparing a story today (Monday) about the oil release, on Friday, at the Sea Rose floating production storage and offloading (FPSO) vessel at the White Rose oil and gas field about 350 kilometres southeast off Newfoundland. The reporter has indicated that she has an interview scheduled with the Chair and Chief Executive Officer of the Canada-Newfoundland and Labrador Offshore Petroleum Board (C-NLOPB). She is requesting an interview with Coast Guard to ask about our role in this incident.

BACKGROUND

At 15:30 on Friday November 16, the Sea Rose FPSO reported losing approximately 250 cubic meters of crude as it resumed operations after a severe storm had affected the area. A surveillance flight late Friday afternoon observed 3 cubic meters of crude on the surface over 168 square kilometers. Husky Energy has stood up their pollution response center and the Eastern Canada Response Corporation (ECRC) has been activated. They are conducting an assessment and developing a response plan. Coast Guard remains in contact with the CNLOPB and ECRC, and have participated in the surveillance flights.

Operation information that can be provided

- The Canadian Coast Guard received a report at 15:30 on November 16 that the SeaRose FPSO, a floating oil production, storage and offloading vessel owned and operated by Husky Oil Operations Ltd., had lost crude in the White Rose Oil Field 350 kilometres off the coast of Newfoundland.
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Responsive only:

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- The Coast Guard has environmental response personnel and equipment standing by to help if requested.
- For information on the amount of oil lost please contact Husky Oil or the Canada-Newfoundland and Labrador Offshore Petroleum Board.

Spokesperson(s)

David Yard, CCG Atlantic ER

Larry Crann, CCG Atlantic ER

Sam Whiffen

Communications Advisor

Fisheries, Oceans and the Canadian Coast Guard

709-772-7631

Fennelly, Stephanie

From: Yard, David C
Sent: Monday, November 19, 2018 10:04 AM
To: Whiffen, Sam
Subject: Re: UPDATE: FOR REVIEW: Offshore oil release

Yeah agree

Sent from my BlackBerry 10 smartphone on the Bell network.

From: Whiffen, Sam
Sent: Monday, November 19, 2018 10:01
To: Yard, David C
Subject: RE: UPDATE: FOR REVIEW: Offshore oil release

As a mandate and standard message we use, we don't really need approval to use it. [REDACTED]

[REDACTED]

From: Yard, David C
Sent: November-19-18 9:57 AM
To: Whiffen, Sam
Subject: Re: UPDATE: FOR REVIEW: Offshore oil release

Can you add a line media lines for our mandate etc. that the mandate of CCG is safety of lives at sea and protection of the marine environment.

Sent from my BlackBerry 10 smartphone on the Bell network.

From: Whiffen, Sam
Sent: Monday, November 19, 2018 09:54
To: Yard, David C
Subject: RE: UPDATE: FOR REVIEW: Offshore oil release

I'll do that.

From: Yard, David C
Sent: November-19-18 9:52 AM
To: Whiffen, Sam
Cc: Miller, Anne
Subject: Re: UPDATE: FOR REVIEW: Offshore oil release

Can you contact ECCC comms and see what they are saying about same issue in their media lines.

Sent from my BlackBerry 10 smartphone on the Bell network.

From: Whiffen, Sam
Sent: Monday, November 19, 2018 09:50
To: Yard, David C

Subject: RE: UPDATE: FOR REVIEW: Offshore oil release

I'd say we refer all that to the agencies. I'll have a conversation with the reporter beforehand to say that we are not lead agency or regulator and CCG is supporting them. Here's the response from the media lines.

- For information on the amount of oil lost please contact Husky Oil or the Canada-Newfoundland and Labrador Offshore Petroleum Board.

From: Yard, David C
Sent: November-19-18 9:46 AM
To: Whiffen, Sam
Subject: Re: UPDATE: FOR REVIEW: Offshore oil release

One question potential question could be what has been observed from the surveillance flight by CCG.

I have not seen any numbers released by cnlob and it's something we should run by their comms or have an prepared response in media lines.

The reported release is 250000 liters but best my knowledge we have only seen maximum 3000 litres on surface. We either no speak to volume of what's been seen and have a general answer or we coordinate with CNLOPB and ECCC comm on results of flights.

Sent from my BlackBerry 10 smartphone on the Bell network.

From: Yard, David C
Sent: Monday, November 19, 2018 09:40
To: Whiffen, Sam
Subject: Re: UPDATE: FOR REVIEW: Offshore oil release

Ok

Sent from my BlackBerry 10 smartphone on the Bell network.

From: Whiffen, Sam
Sent: Monday, November 19, 2018 09:40
To: Yard, David C
Subject: RE: UPDATE: FOR REVIEW: Offshore oil release

It would be camera. She would be feeding all the CBC platforms (TV, radio, web)

From: Yard, David C
Sent: November-19-18 9:39 AM
To: Whiffen, Sam
Subject: Re: UPDATE: FOR REVIEW: Offshore oil release

Is it a phone interview?

Sent from my BlackBerry 10 smartphone on the Bell network.

From: Whiffen, Sam
Sent: Monday, November 19, 2018 09:38
To: Yard, David C
Subject: RE: UPDATE: FOR REVIEW: Offshore oil release

Waiting for NHQ to run through minister's office then we'll be good to go.

From: Yard, David C
Sent: November-19-18 9:37 AM
To: Whiffen, Sam
Subject: Re: UPDATE: FOR REVIEW: Offshore oil release

Ok I'm in ops brief...what time do they want to do interview and I can do it. Will discuss with you when out of ops brief

Sent from my BlackBerry 10 smartphone on the Bell network.

From: Whiffen, Sam
Sent: Monday, November 19, 2018 09:14
To: Yard, David C; Crann, Larry
Subject: UPDATE: FOR REVIEW: Offshore oil release

NHQ requested changes, which cover the lead agency line I sent earlier. I'll circulate.

From: Whiffen, Sam
Sent: November-19-18 9:13 AM
To: Yard, David C (David.Yard@dfo-mpo.gc.ca); Crann, Larry
Subject: FOR REVIEW: Offshore oil release

David, Larry,
Here's the inquiry. I wanted to add a line, to the lines that circulated yesterday, that directly states that CNLOPB is the lead. Please review, make any changes and I will pass along to the rest.
Thanks
Sam

INQUIRY

[REDACTED] She is preparing a story today (Monday) about the oil release, on Friday, at the Sea Rose floating production storage and offloading (FPSO) vessel at the White Rose oil and gas field about 350 kilometres southeast off Newfoundland. The reporter has indicated that she has an interview scheduled with the Chair and Chief Executive Officer of the Canada-Newfoundland and Labrador Offshore Petroleum Board (C-NLOPB). She is requesting an interview with Coast Guard to ask about our role in this incident.

BACKGROUND

At 15:30 on Friday November 16, the Sea Rose FPSO reported losing approximately 250 cubic meters of crude as it resumed operations after a severe storm had affected the area. A surveillance flight late Friday afternoon observed 3 cubic meters of crude on the surface over 168 square kilometers. Husky Energy has stood up their pollution response center and the Eastern Canada Response Corporation (ECRC) has been activated. They are conducting an assessment and developing a response plan. Coast Guard remains in contact with the CNLOPB and ECRC, and have participated in the surveillance flights.

Operation information that can be provided

- The Canadian Coast Guard received a report at 15:30 on November 16 that the SeaRose FPSO, a floating oil production, storage and offloading vessel owned and operated by Husky Oil Operations Ltd., had lost crude in the White Rose Oil Field 350 kilometres off the coast of Newfoundland.
- The Canadian Coast Guard is in contact with the Canada-Newfoundland and Labrador Offshore Petroleum Board and Environment and Climate Change Canada as Husky conducts an assessment and implements its response plan.
- The Canadian Coast Guard participated in a surveillance flight on Saturday morning along with Eastern Canada Response Corporation representatives to assess the situation.
- We will continue to monitor the incident and will stay in close contact with the Canada-Newfoundland and Labrador Offshore Petroleum Board as the assessment and response plan progresses.

Responsive only:

- The Canadian Coast Guard is not leading the response to this incident, but we are providing full support to the Canada-Newfoundland and Labrador Offshore Petroleum Board and all response partners.
- The Coast Guard has environmental response personnel and equipment standing by to help if requested.
- For information on the amount of oil lost please contact Husky Oil or the Canada-Newfoundland and Labrador Offshore Petroleum Board.

Spokesperson(s)

David Yard, CCG Atlantic ER

Larry Crann, CCG Atlantic ER

Sam Whiffen

Communications Advisor

Fisheries, Oceans and the Canadian Coast Guard

709-772-7631

Annibalini, Sara

From: Trudeau, Miriam
Sent: Monday, November 19, 2018 2:48 PM
To: Mackenzie, Joey
Cc: Smith, Fiona
Subject: 2/2: FYI Tweet re Husky statement re SeaRose oil spill

As per my PIN

Sent from my BlackBerry 10 smartphone on the Bell network.

From: Whiffen, Sam <Sam.Whiffen@dfo-mpo.gc.ca>
Sent: Monday, November 19, 2018 2:37 PM
To: Trudeau, Miriam
Cc: Dunderdale, Sara
Subject: FYI Tweet re Husky statement re SeaRose oil spill

This morning's aerial surveillance flight indicated no sheens in the White Rose field and Grand Banks survey area. Husky is continuing on-water monitoring for oil sheens and affected wildlife. A second flight is planned for this afternoon. It will focus primarily on wildlife detections.

We have been working closely with the Canadian Wildlife Service, Environment and Climate Change Canada and the Department of Fisheries and Oceans to identify and execute search transects. Vessels sailing to the field are carrying additional wildlife observers provided through ECRC to provide dedicated wildlife observations.

The Skandi Vinland is on location and will begin ROV survey of subsea assets as soon as weather conditions permit. While the field remains shut in, the ROV crew will look to further isolate flowlines within the subsea network to reduce the potential for escalation.

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 NTV News Retweeted



Kelly-Anne Roberts @KellyAnneNTV

4m

This is the latest provided to @NTVNewsNL from @HuskyEnergy on its oil spill. I'll have more details on the spill on the 6 o'clock news hour.

  1  

Kelly, Jason

From: Kelly, Jason
Sent: November-19-18 2:50 PM
To: Edison, Margo
Subject: Env Response DFO Roles and Responsibilities

Importance: High

Margo, updated message.. We could also sit with Jackie to discuss

Husky Incident of Nov 16, 2018

- DFO (FPP) has received notifications of the incident from ECCCs National Environmental Emergencies Centre (ECCC).
- A Science table has not yet been established.
- FPP has a coordination role if a Science table is called by NEEC and will convene our internal Environmental Incidents Team for advice.

FPP plays a coordination role, in our region, with respect to spill response and emergency preparedness. This is guided by the *"Newfoundland and Labrador Environmental Incident (NLEI) Team Notification Procedures"* (currently under revision) and the *"MOU between C-NLOPB and DFO"*.

To summarize:

NL Environmental Incident Procedures

In the event of environmental emergency DFO has an important advisory/expert support role to the lead agency CCG or the C-NLOPB (marine based) or the Province (freshwater/land based) related to environmental emergencies. The lead agency relies on Environment and Climate Change Canada's National Environmental Emergencies Centre (NEEC) to coordinate technical and scientific advice (i.e. fisheries, sensitive areas, species at risk etc...) to assist the lead agency in environmental response.

Upon notification from the NEEC, DFO's Environmental Incidents Team is triggered. This team is led by the Fisheries Protection Program and includes a representative from all sectors to provide expert advice. A single coordinated DFO response is developed and forwarded to NEEC. An internal protocol (currently being revised) has been developed which outlines DFO response procedures.

Environmental Emergency Responsibilities as per MOU – C-NLOPB and DFO

The recently updated (July 2014) MOU between the C-NLOPB and DFO identifies and promotes the effective coordination and planning of activities of mutual interest in NL's Offshore Area.

Identified in the MOU are a number of sections related to information sharing. Most notably for environmental emergencies is Section 10 "Contingency Planning." The C-NLOPB will notify DFO on any pollution incident which has the threat of affecting fisheries, fish and fish habitat, MPA's and SAR Species. The threshold for the pollution incident and notification to DFO is typically an incident which requires the C-NLOPB to issue a media release. DFO will provide expert advice to the C-NLOPB coordinated through the FPP, who will engage other sectors where appropriate.

Note: The C-NLOPB may also call up the NEEC to call Science Table to assist in the provision of advice and information. At that time the DFO Environmental Incidents team will be called upon to provide advice lead by FPP

Pilgrim, Bret

From: Kelly, Jason
Sent: November-19-18 2:37 PM
To: Pilgrim, Bret
Subject: Env Response DFO Roles and Responsibilities

Importance: High

Can you review this message... need to send to RDGs office

FPP plays a coordination role, in our region, with respect to spill response and emergency preparedness. This is guided by the "*Newfoundland and Labrador Environmental Incident (NLEI) Team Notification Procedures*" (currently under revision) and the "*MOU between C-NLOPB and DFO*".

To summarize:

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Note: The C-NLOPB may also call up the NEEC to call Science Table to assist in the provision of advice and information.

Annibalini, Sara

From: Sloan, Glen
Sent: Monday, November 19, 2018 7:19 AM
To: Hutchinson, Jeffery
Cc: Mackenzie, Joey; Spurrell, Wade; Lebel, Mathieu; Smith, Fiona; Hubley, Marian; Trudeau, Miriam; Stanek, Frank; Sanderson, Marc; Nghiem, Kathy
Subject: Re: For approval: Lines on Sea Rose Spill

Noted sir. I have removed the number from our lines. Here's the revised version.

For info we have received a request for an interview today from CBC [REDACTED] regarding CCG's role.

Thank you,
 Glen

Sent from my BlackBerry 10 smartphone on the Bell network.

From: Hutchinson, Jeffery
Sent: Sunday, November 18, 2018 1:34 PM
To: Sloan, Glen
Cc: Mackenzie, Joey; Spurrell, Wade; Lebel, Mathieu; Smith, Fiona; Hubley, Marian; Trudeau, Miriam; Stanek, Frank; Sanderson, Marc; Nghiem, Kathy
Subject: RE: For approval: Lines on Sea Rose Spill

The volume should always be attributed to Husky. We have no ownership of that number

From: Sloan, Glen
Sent: Sunday, November 18, 2018 10:43
To: Hutchinson, Jeffery <Jeffery.Hutchinson@dfo-mpo.gc.ca>
Cc: Mackenzie, Joey <Joey.Mackenzie@dfo-mpo.gc.ca>; Spurrell, Wade <Wade.Spurrell@DFO-MPO.GC.CA>; Lebel, Mathieu <Mathieu.Lebel@dfo-mpo.gc.ca>; Smith, Fiona <Fiona.Smith@dfo-mpo.gc.ca>; Hubley, Marian <Marian.Hubley@dfo-mpo.gc.ca>; Trudeau, Miriam <Miriam.Trudeau@dfo-mpo.gc.ca>; Stanek, Frank <Frank.Stanek@dfo-mpo.gc.ca>; Sanderson, Marc <Marc.Sanderson@dfo-mpo.gc.ca>; Nghiem, Kathy <Kathy.Nghiem@dfo-mpo.gc.ca>
Subject: RE: For approval: Lines on Sea Rose Spill

Thank you sir. I have made changes below to reflect your points.

I feel we're ok to mention the figure that is out there re: volume, as Husky has mentioned it in news reports, but with the note that for more info reporters should contact Husky or CNLOPB. Of course the final decision on this point is yours and I'll revise as requested.

Glen

Issue:

At 15:30 on Friday November 16, the SeaRose oil production platform (FPSO) reported losing approximately 250 cubic metres of crude as they resumed operations after inclement weather in Newfoundland. A surveillance flight late Friday afternoon observed 3 cubic meters of crude on the surface over 168 sq kilometers. Husky Energy has stood up their response center and the Eastern Canada Response Corporation has been activated. They are conducting an assessment and developing a response plan. Coast Guard remains in contact with the Canada-Newfoundland and Labrador Offshore Petroleum Board and Environment and Climate Change Canada, and participated in a surveillance flight that took place Saturday, November 17 at 11:00am. There is another flight planned for Sunday, November 18.

Approach:

To date there have been no media inquiries for the CCG. We will continue to monitor and provide reactive responses.

Media Lines:

- The Canadian Coast Guard received a report at 15:30 on November 16 that the SeaRose FPSO, a floating oil production, storage and offloading vessel owned and operated by Husky Oil Operations Ltd., had lost crude in the White Rose Oil Field 350 kilometres off the coast of Newfoundland.
- The Canadian Coast Guard is in contact with the Canada-Newfoundland and Labrador Offshore Petroleum Board and Environment and Climate Change Canada as Husky conducts an assessment and implements its response plan.
- The Canadian Coast Guard participated in a surveillance flight on Saturday morning along with Eastern Canada Response Corporation representatives to assess the situation.
- We will continue to monitor the incident and will stay in close contact with the Canada-Newfoundland and Labrador Offshore Petroleum Board as the assessment and response plan progresses.

Responsive only:

- The Canadian Coast Guard is not leading the response to this incident, but we are providing full support to the Canada-Newfoundland and Labrador Offshore Petroleum Board and all response partners.
- The Coast Guard has environmental response personnel and equipment standing by to help if requested.
- For information on the amount of oil lost please contact Husky Oil or the Canada-Newfoundland and Labrador Offshore Petroleum Board.

From: Hutchinson, Jeffery

Sent: November-18-18 9:49 AM

To: Sloan, Glen

Cc: Mackenzie, Joey; Spurrell, Wade; Lebel, Mathieu; Smith, Fiona; Hubley, Marian; Trudeau, Miriam; Stanek, Frank; Sanderson, Marc; Nghiem, Kathy

Subject: RE: For approval: Lines on Sea Rose Spill

Thanks Glen and good morning to you too

I'm fine with the lines but am mulling over a couple of additions:

- Specifying that Coast Guard is not the lead agency (perhaps this should be in a section called "Responsive lines")
- Also in a responsive section we might politely decline to give volumes and refer the media to the Board or to Husky Oil for that information

- And while I'm at it, a third responsive line could be that we have people and gear standing by to assist should it be requested.

Thoughts?

From: Sloan, Glen

Sent: Sunday, November 18, 2018 09:29

To: Hutchinson, Jeffery <Jeffery.Hutchinson@dfo-mpo.gc.ca>

Cc: Mackenzie, Joey <Joey.Mackenzie@dfo-mpo.gc.ca>; Spurrell, Wade <Wade.Spurrell@DFO-MPO.GC.CA>; Lebel, Mathieu <Mathieu.Lebel@dfo-mpo.gc.ca>; Smith, Fiona <Fiona.Smith@dfo-mpo.gc.ca>; Hubley, Marian <Marian.Hubley@dfo-mpo.gc.ca>; Trudeau, Miriam <Miriam.Trudeau@dfo-mpo.gc.ca>; Stanek, Frank <Frank.Stanek@dfo-mpo.gc.ca>

Subject: For approval: Lines on Sea Rose Spill

Good morning Commissioner,

Below are anticipatory media lines RE: the Sea Rose incident, for your approval.

Wade and A/AC have approved.

Thank you,
Glen

Issue:

At 15:30 on Friday November 16, the SeaRose oil production platform (FPSO) reported losing approximately 250 cubic metres of crude as they resumed operations after inclement weather in Newfoundland. A surveillance flight late Friday afternoon observed 3 cubic meters of crude on the surface over 168 sq kilometers. Husky Energy has stood up their response center and the Eastern Canada Response Corporation has been activated. They are conducting an assessment and developing a response plan. Coast Guard remains in contact with the Canada-Newfoundland and Labrador Offshore Petroleum Board and Environment and Climate Change Canada, and participated in a surveillance flight that took place Saturday, November 17 at 11:00am. There is another flight planned for Sunday, November 18.

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- The Canadian Coast Guard participated in a surveillance flight on Saturday morning along with Eastern Canada Response Corporation representatives to assess the situation.
- We will continue to monitor the incident and will stay in close contact with the Canada-Newfoundland and Labrador Offshore Petroleum Board as the assessment and response plan progresses.

Responsive only:

- The Canadian Coast Guard is not leading the response to this incident, but we are providing full support to the Canada-Newfoundland and Labrador Offshore Petroleum Board and all response partners.
- The Coast Guard has environmental response personnel and equipment standing by to help if requested.
- Husky Oil Operations Ltd. has estimated the amount of crude lost at approximately 250 cubic metres. For more information on this please contact Husky Oil or the Canada-Newfoundland and Labrador Offshore Petroleum Board.

Whiffen, Sam

From: Whiffen, Sam
Sent: November-19-18 4:09 PM
To: LeBlanc, Brian (Executive Director, CCGC); Miller, Anne; Yard, David C (David.Yard@dfo-mpo.gc.ca); Crann, Larry
Cc: Dunderdale, Sara
Subject: FYI - Company statement Sea Rose

This morning's aerial surveillance flight indicated no sheens in the White Rose field and Grand Banks survey area. Husky is continuing on-water monitoring for oil sheens and affected wildlife. A second flight is planned for this afternoon. It will focus primarily on wildlife detections.

We have been working closely with the Canadian Wildlife Service, Environment and Climate Change Canada and the Department of Fisheries and Oceans to identify and execute search transects. Vessels sailing to the field are carrying additional wildlife observers provided through ECRC to provide dedicated wildlife observations.

The Skandi Vinland is on location and will begin ROV survey of subsea assets as soon as weather conditions permit. While the field remains shut in, the ROV crew will look to further isolate flowlines within the subsea network to reduce the potential for escalation.

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 NTV News Retweeted



Kelly-Anne Roberts @KellyAnneNTV

4m

This is the latest provided to @NTVNewsNL from @HuskyEnergy on its oil spill, I'll have more details on the spill on the 6 o'clock news hour.

  1  

Dunderdale, Sara


From: Dunderdale, Sara
Sent: November-19-18 9:33 AM
To: Trudeau, Miriam
Subject: FW: FYI Nick Whalen tweet re SeaRose oil spill

FYI – he is an MP from St. John's

From: King, Kathryn
Sent: November-19-18 9:32 AM
To: Dunderdale, Sara; Whiffen, Sam; Pittman, Erika; Duff, Jennifer L; Guest, Kevin (NL); Ruddock, Stella D; Martin, Amanda L
Subject: FYI Nick Whalen tweet re SeaRose oil spill

This went out yesterday.



Nick Whalen  @NickWhalenMP 15h

Replying to @NickWhalenMP @gracellenk
Have reached out to ministers' staff
@Transport_gc @ec_minister
@NRCan and @DFO_NL for further
information. My questions: If
conditions known to preclude spill
mitigation measures on the Searose,
why was production allowed to
restart? How do we avoid a repeat?

Mills, Becky

From: Miller, Anne
Sent: November-19-18 11:57 PM
To: MSOC-East / COSM-Est (DFO/MPO)
Cc: Yard, David C; LeBlanc, Brian (Executive Director, CCGC)
Subject: Fwd: Incident SITREP 004, ER, FPSO Sea Rose - 250 Cubic Meters Crude Oil Spill

Please distribute the attached sitrep.

Thanks, Anne

Sent from my iPhone

Begin forwarded message:

From: "Yard, David C" <David.Yard@dfo-mpo.gc.ca>
Date: November 19, 2018 at 5:49:49 PM AST
To: "Miller, Anne" <Anne.Miller@dfo-mpo.gc.ca>
Subject: Incident SITREP 004, ER, FPSO Sea Rose - 250 Cubic Meters Crude Oil Spill

1. CCG Region/Incident Name: Sea Rose FPSO release estimated at 250 cubic meters of crude
2. Incident Category/Type: Marine ER Type 4
3. Date/Time: November 19, 18:00hrs

4. Primary Department(s)/Agency(s): C-NNLOPB

5. Supporting Departments/Agencies: ECCC, CCG, CWS

6. Regional Location: Atlantic

a. Province/Territory: Newfoundland and Labrador

b. City: NA

c. Amplifying location: Sea Rose FPSO, White Rose Oil Field

7. Current Situation: At 15:30 Local Time, 16/11/2018, the SEAROSE FPSO reported losing approximately 250 cubic meters of crude while circulating crude through their subsea line in preparation to go back in production after being shut down for the recent powerful storm. Fifth surveillance flight was conducted Monday morning and there was no oil observed. Flight was tasked to check areas that haven't previously been checked to confirm no oil. Oceans had produced a revised trajectory based on the oil location yesterday. That area was overflowed and no oil observed. Husky Energy scheduled a second flight today but the focus was on wildlife observation.

Weather on site today was winds NW at 25 – 35 knots. Sea state ranged from 4.5 – 7.2 meters. Visibility was the best it has been since spill occurred. Husky Energy has their Regional Response Management Team (RRMT) activated at their Response Centre in St. John's.

8. Actions Taken: CCG ER remains in close contact with C-NLOPB and ECCC and with Husky Energy and their Environmental Coordinator at Husky Energy's Response Centre. CCG ER and the RO ECRC representatives were aboard surveillance flight at 07:00hrs this morning.

Current Actions (other): Husky Energy has stood up their response center in St. John's. ECRC has been activated and will accompany CCG ER on surveillance flights. Spill tractor buoys have been deployed.

Mass balance and spill trajectory continues to be run by ECCC. Wildlife observer and ROV have been deployed to site. Attempts made today to deploy ROV over the side.

9. Media/Public Communications: Local media outlets have been reporting on the incident.

10. Activities Next 24 Hours: CCG ER personnel will remain in contact with C-NLOPB as assessment progresses and will continue to monitor incident for developments. CCG ER will continue close coordination with Husky Energy's Response Center (ICP).

11. Environmental Factors: Wind northwest 20 knots backing to southwest 20 this evening then increasing to south 35 Tuesday morning. Seas 3 to 5 meters subsiding to 2 to 3 late overnight then building to 3 to 5 Tuesday afternoon.

12. Significant Issues: N/A

13. Personnel Status: 3 CCG ER Personnel

14. Equipment Status: Industry – Surveillance Aircraft (PAL), three OSV's – Skandi Vinland ROV Operations on site for subsurface assessment, Maersk Dispatcher – Wildlife Observer and Spill Surveillance, Atlantic Hawk – Safety Stand-by and regular surveillance sweeps,

15. New Requirements: N/A

16. Command Assessment: Continue to monitor incident for further developments and support C-NLOPB as required.

17. Next SITREP: Approximately 16:00 local time Tuesday.

Annibalini, Sara

From: MSOC-East / COSM-Est (DFO/MPO)
Sent: Monday, November 19, 2018 11:05 PM
To: DFO.F CCG Nat Incidents / Incidents Nat GCC F.MPO
Subject: Incident SITREP 004, ER, FPSO Sea Rose - 250 Cubic Meters Crude Oil Spill

1. CCG Region/Incident Name: Sea Rose FPSO release estimated at 250 cubic meters of crude
2. Incident Category/Type: Marine ER Type 4
3. Date/Time: November 19, 18:00hrs

4. Primary Department(s)/Agency(s): C-NNLOPB

5. Supporting Departments/Agencies: ECCC, CCG, CWS
6. Regional Location: Atlantic

a. Province/Territory: Newfoundland and Labrador

b. City: NA

c. Amplifying location: Sea Rose FPSO, White Rose Oil Field

7. Current Situation: At 15:30 Local Time, 16/11/2018, the SEAROSE FPSO reported losing approximately 250 cubic meters of crude while circulating crude through their subsea line in preparation to go back in production after being shut down for the recent powerful storm. Fifth surveillance flight was conducted Monday morning and there was no oil observed. Flight was tasked to check areas that haven't previously been checked to confirm no oil. Oceans had produced a revised trajectory based on the oil location yesterday. That area was overflowed and no oil observed. Husky Energy scheduled a second flight today but the focus was on wildlife observation.

Weather on site today was winds NW at 25 – 35 knots. Sea state ranged from 4.5 – 7.2 meters. Visibility was the best it has been since spill occurred. Husky Energy has their Regional Response Management Team (RRMT) activated at their Response Centre in St. John's.

8. Actions Taken: CCG ER remains in close contact with C-NLOPB and ECCC and with Husky Energy and their Environmental Coordinator at Husky Energy's Response Centre. CCG ER and the RO ECRC representatives were aboard surveillance flight at 07:00hrs this morning.

Current Actions (other): Husky Energy has stood up their response center in St. John's. ECRC has been activated and will accompany CCG ER on surveillance flights. Spill tractor buoys have been deployed. Mass balance and spill trajectory continues to be run by ECCC. Wildlife observer and ROV have been deployed to site. Attempts made today to deploy ROV over the side.

9. Media/Public Communications: Local media outlets have been reporting on the incident.

10. Activities Next 24 Hours: CCG ER personnel will remain in contact with C-NLOPB as assessment progresses and will continue to monitor incident for developments. CCG ER will continue close coordination with Husky Energy's Response Center (ICP).

11. Environmental Factors: Wind northwest 20 knots backing to southwest 20 this evening then increasing to south 35 Tuesday morning. Seas 3 to 5 meters subsiding to 2 to 3 late overnight then building to 3 to 5 Tuesday afternoon.

12. Significant Issues: N/A

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15. **New Requirements:** N/A

16. **Command Assessment:** Continue to monitor incident for further developments and support C-NLOPB as required.

17. **Next SITREP:** Approximately 16:00 local time Tuesday.

Maritime Security Officer / Agent de sécurité maritime Canadian Coast Guard / Garde côtière canadienne Marine
Security Operations Centre - East / Centre d'opérations de la sécurité maritime – Est CFB Halifax / BFC Halifax Building D-
201 / Bâtiment D-201

2737 Provo Wallis Street

PO Box 99000 Stn Forces / PO Box 99000 Succ Forces Halifax, Nova Scotia, Canada B3K 5X5 msoceast@dfo-mpo.gc.ca

Telephone / Téléphone: (902) 427-0662 Fax / Télécopieur: (902) 427-7841 Secure Telephone/Fax /

Téléphone/Télécopieur Sûr: (902) 427-2987 Government of Canada / Gouvernement du Canada

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LeBlanc, Brian (Acting AC, Atlantic Region)

From: Miller, Anne
Sent: November 19, 2018 1:41 PM
To: Whiffen, Sam
Cc: LeBlanc, Brian (Executive Director, CCGC)
Subject: Re: MEDIA Coverage: Sea Rose oil release

Let me know if encouragement for approval is needed at the national level.

Sent from my iPhone

On Nov 19, 2018, at 10:55 AM, Whiffen, Sam <Sam.Whiffen@dfo-mpo.gc.ca> wrote:

Here is some recent coverage by local NL media. The interview request we received from CBC, and the lines are with NHQ and I will distribute once received.

Rough seas hamper containment and recovery operations at White Rose oilfield

The Telegram

Published: Nov 16 at 5:21 p.m.

Updated: 4 hours ago

Estimated 250,000 litres of oil spilled; production remains halted

Husky Energy was still working as of deadline to address a sizeable offshore oil spill that occurred Friday, but rough seas on Saturday and into Sunday afternoon continued to prevent containment and recovery of approximately 250,000 litres of oil despite the arrival of a recovery team Sunday afternoon.

The CNLOPB in an update on its website Sunday said four surveillance flights and an offshore support vessel have been deployed since Friday afternoon to help assess the extent of the spill and look for any effects on wildlife.

"To date, no affected marine life or seabirds have been seen by government and industry observers in the vicinity of the spill and its trajectory," the CNLOPB stated. Husky reported that additional wildlife observers have been placed on vessels responding to the spill.

"An updated estimate of the volume of the spill and other information should be available following the ROV deployment and subsea inspection," the CNLOPB said.

Also Sunday, Colleen McConnell, a spokeswoman for Husky, told The Telegram in an email around 4 p.m. that the Skandi Vinland had arrived at the White Rose field and was waiting for weather conditions to improve so it can begin a subsea survey. Waves would need diminish to about four metres before ROVs can be deployed, the spokesperson said.

The Skandi Vinland was to use its ROVs to locate and assess the damage so that a remediation plan can begin.

Husky released Saturday morning that an aerial surveillance flight on Friday identified two oil sheens south of the SeaRose. Followup water monitoring and aerial surveillance continues.

Husky said it had been conducting hourly sweeps of the White Rose field, but no other oil sheens had been reported as of Sunday.

- A sheen was located approximately 50 km south of the field and the vessel Maersk Dispatcher is in the area for surveillance and wildlife monitoring.

Another surveillance flight was planned for Sunday afternoon.

Two tracker buoys were also deployed on Friday — one from the SeaRose and one from the Atlantic Hawk.

Production remains halted on SeaRose, and the spokesperson said everyone on board is safe.

The spill was detected just as the company's SeaRose FPSO was preparing to restart production after Thursday's high winds. Production had been shut down during the storm on Thursday.

Shortly after noon Friday, the SeaRose detected a loss of pressure in a subsea flowline as the crew was preparing to restart production, and that's when the oil was spilled.

The exact volumes have yet to be confirmed, but the current estimate is 250,000 litres.

In its statement late Sunday, the CNLOPB said it is carefully monitoring the situation.

The regulator says it will review Husky's ongoing response, the company's investigation report when ready and its Operations Authorization in light of this incident and the one last year involving the near miss of an iceberg with the SeaRose FPSO.

The regulator will also formally investigate the spill under its powers as per the Atlantic Accord Implementation Acts, in an effort to confirm the root cause. It will release the findings of its investigation to the public as soon as they are available.

The CNLOPB said it will also "take whatever enforcement action is deemed appropriate in this incident.

"In the wake of the oil spill at the White Rose Field, the CNLOPB CEO and senior staff have been in contact with other operators in the Canada-Newfoundland and Labrador Offshore Area," the board said. "Operations at other facilities will not resume until the CNLOPB has determined that it is safe to do so.

"The spill of crude oil in the White Rose Field as Husky Energy prepared to resume production showed that the risks in offshore oil activity can never be underestimated, especially in our harsh environment." the board said on its website. "Those risks are only acceptable when all reasonable measures have been taken to reduce them."

telegram@thetelegram.com

EARLIER STORY:

UPDATED: About 250,000 litres of oil spilled at White Rose oilfield
Rough seas continue to prevent containment and recovery operations

Husky Energy continues to respond to the offshore oil spill detected Friday afternoon, but rough seas on Saturday continue to prevent containment and recovery of the spilled oil.

A Husky Energy spokesperson said in an email Saturday morning that an aerial surveillance flight on Friday identified two oil sheens south of the SeaRose. A followup flight is planned for today.

The spokesperson said additional support vessels will be sent out today, including the Skandi Vinland, which will complete an ROV survey of the seabed assets once weather conditions improve. Waves would need to be four meters before ROVs can be deployed, the spokesperson said.

Two tracker buoys were also deployed on Friday — one from the SeaRose and one from the Atlantic Hawk.

Production remains halted on SeaRose, and the spokesperson said everyone on board is safe.

Earlier story:

Husky Energy is dealing with an oil spill at its White Rose oilfield.

The spill was detected Friday afternoon, just as the company's SeaRose FPSO was preparing to restart production after Thursday's high winds.

Production was shut down during the storm on Thursday, Husky spokesperson Colleen McConnell said in an email to The Telegram.

Shortly after noon Friday, the SeaRose detected a loss of pressure in a subsea flowline as the crew was preparing to restart production, and that's when the oil was spilled.

The exact volumes have yet to be confirmed, but the current estimate is 250 cubic metres, or 250,000 litres.

The standby vessel Atlantic Hawk was dispatched to investigate, and confirmed an oil sheen on the water.

Production is currently shut down again.

"Any spill is a concern to us," wrote McConnell. "We have deployed tracker buoys from the Hawk and SeaRose and a PAL observation flight is underway."

McConnell said sea states are preventing containment and recovery operations, but onshore staff and contractors have been activated and authorities have been notified.

CBC

Offshore oil spill appears to be largest in Newfoundland history, effects still unknown

Severe storms have made it impossible to send devices underwater to survey damage

CBC News · Posted: Nov 19, 2018 10:40 AM NT | Last Updated: 8 minutes ago

Siobhan Coady is the minister of Natural Resources in Newfoundland and Labrador. (Ted Dillon/CBC)
Officials were trying Monday to determine the impact of Friday's estimated 250,000-litre oil spill — the largest in Newfoundland and Labrador's history — in the White Rose offshore oil field.

The oil is believed to have spilled from a flowline to the SeaRose floating production storage and offloading vessel (FPSO), which is stationed about 350 kilometres off the east coast of the Avalon Peninsula.

If Husky's estimate of the spill volume — 250 cubic metres, or 250,000 litres — is correct, the Canada-Newfoundland and Labrador Offshore Petroleum Board (C-NLOPB) has confirmed that it is the largest oil spill in the province's history.

Bad weather still preventing SeaRose spill containment, Husky says
Oil vessel off the Newfoundland coast spills 250,000 litres of crude
Natural Resources Minister Siobhan Coady told CBC's St. John's Morning Show on Monday that the spill is believed to be a "batch spill" and that it is likely not continuing.

But there's still no way to be absolutely sure, she said, since poor weather conditions and rough seas have made it impossible to send remotely operated underwater vehicles down to take a look at the damage.

"This is an ongoing situation," she said. "The consideration of how much oil has been let go and what the effects are of this spill is ongoing."

Husky estimates 250,000 litres of oil spilled from a flowline to the FPSO SeaRose Friday.
It's the second bout of trouble for the SeaRose FPSO this year. In January, production on the vessel was suspended by the C-NLOPB because of how Husky handled a close call with an iceberg that got too close to the vessel.

Husky told CBC News it would not be doing interviews about the spill.

Rough seas

Operations on the vessel were halted Thursday because of the high winds and crashing waves, Coady said, during what was said by meteorologists to be the "most intense storm" on the planet.

Most intense storm on the planet pounding Newfoundland and Labrador, say officials
The storm was nasty enough to temporarily shut down production on all other offshore production facilities in the province.

Coady said the timing of Husky's call to stop to all operations lined up with the safety and environmental plans detailed in its operating licence.

The spill occurred as Husky was bringing production back online, she said, and the continuing rough seas have hampered cleanup.

There were multiple flights over the area during the weekend, she said, to monitor the situation from above, and "several vessels" took officials out to monitor the wildlife in the area.

"We are waiting for the weather to clear to put a remotely operated vehicle so they can inspect, sub-sea, the assets, to start the process of understanding what happened," she said.

Those "assets" include the flowline itself and the FPSO, she said.

Husky could face penalties

Coady said the impacts and causes of the spill are being thoroughly investigated. If any breaches of protocol are found, she said Husky could face penalties or even a suspension of their operating license, though she was hesitant to provide exact details.

"Let's not get ahead of ourselves," she said

Coady says the C-NLOPB's response to the spill will be investigated. (CBC)
And while all that is being scrutinized, so too will be the C-NLOPB's response to the spill, she said.

"There will be a full investigation, obviously, of this."

VOCM

C-NLOPB Investigating 250,000 Litre Oil Spill From SeaRose FPSO

November 19, 2018 | 9:25 am

(SeaRose FPSO courtesy Husky Energy.)

The Canada-Newfoundland and Labrador Offshore Petroleum Board is formally investigating a spill that sent an estimated 250,000 litres of oil into the water during what is being called one of the worst storms in the offshore since the 1982 Ocean Ranger disaster.

Operations in the offshore remain suspended.

The C-NLOPB says thanks to the efforts of many, there were no reports of injuries as the result of last week's storm which saw hurricane force winds and massive waves.

The offshore regulator says, however, that the spill of crude oil from the SeaRose FPSO shows that the risks in offshore oil activity can never be underestimated. The spill is not believed to be ongoing.

Four surveillance flights and an offshore support vessel were deployed to assess the extent of the spill and look for effects on wildlife.

As of yesterday, the C-NLOPB says there was no evidence of affected marine life or seabirds. The regulator says it will review Husky Energy's ongoing response, formally investigate the spill, and release the findings when available.

Annibalini, Sara

From: Trudeau, Miriam
Sent: Monday, November 19, 2018 3:05 PM
To: Stanek, Frank; Whiffen, Sam; Smith, Fiona; Sloan, Glen
Cc: Dunderdale, Sara; NCR Media RCN (DFO/MPO); Saindon, Carole; Chow, Vance; Waizmann, Victoria; Jahn, Robin; Eatmon, Keegan; Hubley, Marian; McElhone, Kathryn
Subject: Re: - MEDIA: Offshore spill

Frank, can media relations touch base with NRCAN to verify what their plan to get the "GoC" voice out there? It may also be good that MINO is aware of that the media are starting to ask where the GoC is on this issue.

Miriam

Sent from my BlackBerry 10 smartphone on the Bell network.

From: Stanek, Frank
Sent: Monday, November 19, 2018 2:38 PM
To: Whiffen, Sam; Smith, Fiona; Trudeau, Miriam; Sloan, Glen
Cc: Dunderdale, Sara; NCR Media RCN (DFO/MPO); Saindon, Carole; Chow, Vance; Waizmann, Victoria; Jahn, Robin; Eatmon, Keegan
Subject: RE:- MEDIA: Offshore spill

-
- Below is the on-line story updated an hour ago. – No refer – positive or negative regarding CCG and secondary role. Will be in tomorrow's supplemental. Will see what the TV piece is shaped tonight.

Frank

•

• ore

Nfld. & Labrador

UPDATED

Offshore oil spill appears to be largest in Newfoundland history, effects still unknown

- Facebook
- Twitter
- Reddit
- LinkedIn
- Email

Underwater surveying has started, after days of stormy weather

CBC News · Posted: Nov 19, 2018 10:40 AM NT | Last Updated: an hour ago



Siobhan Coady is the minister of Natural Resources in Newfoundland and Labrador. (Ted Dillon/CBC)
257 comments

Underwater surveying began Monday as officials try to determine the impact of Friday's estimated 250,000-litre oil spill — the largest in Newfoundland and Labrador's history — in the White Rose offshore oilfield.

The oil is believed to have spilled from a flowline to the SeaRose floating production storage and offloading vessel (FPSO), which is stationed about 350 kilometres off the east coast of the Avalon Peninsula.

In an emailed statement, Husky Energy said a remote-operated vehicle crew is surveying the situation underwater, and "will look to further isolate flowlines within the subsea network to reduce the potential for escalation."

Husky Energy has estimated that the volume of the spill is 250 cubic metres, or 250,000 litres. The Canada-Newfoundland and Labrador Offshore Petroleum Board (C-NLOPB), which regulates development in the industry, said that would be the largest spill in Newfoundland's offshore.

- Bad weather still preventing SeaRose spill containment, Husky says
- Oil vessel off the Newfoundland coast spills 250,000 litres of crude

Natural Resources Minister Siobhan Coady told CBC's *St. John's Morning Show* on Monday that the spill is believed to be a "batch spill" and that it is likely not continuing.

"This is an ongoing situation," she said. "The consideration of how much oil has been let go, and what the effects are of this spill is ongoing."



Husky Energy estimates 250,000 litres of oil spilled from a flowline to the FPSO SeaRose Friday.

An aerial surveillance flight on Monday morning showed no signs of sheens in the White Rose and Grand Banks area, said a spokesperson for Husky Energy. A second flight was planned for the afternoon, with a focus on wildlife.

It's the second bout of trouble for Husky Energy's SeaRose FPSO this year. In January, production on the vessel was suspended by the C-NLOPB because of how Husky Energy handled a close call with an iceberg that got too close to the vessel.

Husky Energy told CBC News it would not be doing interviews about the spill.

Rough seas

Operations on the vessel were halted Thursday because of the high winds and crashing waves, Coady said, during what was said by meteorologists to be the "most intense storm" on the planet.

- **Most intense storm on the planet pounding Newfoundland and Labrador, say officials**

The storm was nasty enough to temporarily shut down production on all other offshore production facilities in the province.

Coady said the timing of Husky Energy's call to stop to all operations lined up with the safety and environmental plans detailed in its operating licence.

The spill occurred as Husky Energy was bringing production back online, she said, and the continuing rough seas have hampered cleanup.

There were multiple flights over the area during the weekend, she said, to monitor the situation from above, and "several vessels" took officials out to monitor the wildlife in the area.

At the time of Coady's interview Monday morning, underwater surveillance had been impossible due to weather.

"We are waiting for the weather to clear to put a remotely operated vehicle so they can inspect, sub-sea, the assets, to start the process of understanding what happened," she said.

Those "assets" include the flowline itself and the FPSO, she said.

Husky Energy could face penalties

Coady said the impacts and causes of the spill are being thoroughly investigated. If any breaches of protocol are found, she said Husky Energy could face penalties or even a suspension of their operating license, though she was hesitant to provide exact details.

"Let's not get ahead of ourselves," she said



Coady says the C-NLOPB's response to the spill will be investigated. (CBC)

And while all that is being scrutinized, so too will be the C-NLOPB's response to the spill, she said.

"There will be a full investigation, obviously, of this."

With files from Fred Hutton

From: Whiffen, Sam
Sent: November-19-18 2:24 PM

To: Stanek, Frank; Smith, Fiona; Trudeau, Miriam

Cc: Dunderdale, Sara

Subject: FYI - MEDIA: Offshore spill

The reporter posted this after 1:00 pm. Our response was not sent until after 2:30 pm

**Chris O'Neill-Yates**

@oneillyatescbc

Following

UPDATE: Largest oil spill in
Newfoundland offshore, 250K litres, on
Friday. As of 1:00 pm today NT no
response fr @CoastGuardCAN
@environmentca. Husky Energy not
giving interviews, nor is Eastern Canada
Response Corporation, ECRC. @CNLOPB
interview today #cdnpoli #nlpoli
@CBCNL

1:12 PM · 19 Nov 2018

32 Retweets 22 Likes



6



32



22



Tweet your reply

**Chris O'Neill-Yates** · 2h

In case there's any ambiguity, by 'response' I mean response to requests for an interview.



8



Replying to @oneillyatescbc @CoastGuardCAN and 3 others
Wow. Talk about turning a blind eye!



2



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Replying to @oneillyatescbc @CoastGuardCAN and 3 others

Disgusting to say the least. Any industry can come to Newfoundland and be reckless. Weak legislation and environmental policy at it's finest. Make billion's and run for the hills when shit hits the fan. PLEASE keep on this

1 1 5

1 more reply

s.19(1)

Replying to @oneillyatescbc and 4 others

In case anyone missed the news there was a huge storm raging at the time and the highest waves on the planet were blocking any attempts at reigning in the oil being spilled. Please do some research before posting

1 1

Kelly, Jason

From: Kelly, Jason
Sent: November-19-18 1:06 PM
To: Pilgrim, Bret
Cc: Roberge, Michelle
Subject: NEEC

Have we received anything from the NEEC related to Husky spill??

Jason

Jason Kelly

A/ Manager – Regulatory Review
Fisheries Protection Program, Ecosystems Management Branch
Fisheries and Oceans Canada, Government of Canada
P.O. Box 5667, St. John's, NL A1C 5X1
Ph: (709) 772-4126
Email: jason.kelly@dfo-mpo.gc.ca

Matheson, Kyle

From: Matheson, Kyle
Sent: November-19-18 1:29 PM
To: Lawson, Jack
Cc: Stenson, Garry
Subject: RE: Searose oil spill - marine mammals;

I have requested to receive a copy of the daily wildlife report, so will forward any marine mammal information I receive to you as well.

Cheers, Kyle

From: Lawson, Jack
Sent: November-19-18 1:20 PM
To: Matheson, Kyle
Cc: Stenson, Garry
Subject: Re: Searose oil spill - marine mammals;

Thanks Kyle, we are always ready to assist with animal ID - particularly as we add the surveillance image data (which include Lats and Longs etc.) to the Department's sightings database.

regards, Jack

Dr. Jack Lawson
Research Scientist / Chercheur scientifique
Marine Mammals Section / Section de mammifères marins
Fisheries and Oceans Canada / Pêches et Océans Canada
NAFC, 80 East White Hills Rd.
St. John's, NL / Terre-Neuve et Labrador
Canada A1C 5X1
(709) 772-2285 (709) 772-4188 (FAX)
Jack.Lawson@dfo-mpo.gc.ca
Twitter: @drjwlawson

On Nov 19, 2018, at 13:14, Matheson, Kyle <Kyle.Matheson@dfo-mpo.gc.ca> wrote:

Thanks Jack!

That info is all useful to pass on. And I agree, a significant impact is unlikely at this point. I think one of the main concerns now is also whether or not there is still the risk for more to be released.

I will also make the request to have images taken of any marine mammals observed in the area.

Cheers, Kyle

From: Lawson, Jack
Sent: November-19-18 11:53 AM
To: Matheson, Kyle

Cc: Stenson, Garry

Subject: Re: Searose oil spill - marine mammals;

There could potentially be a number of cetacean species found in the spill area, although this would vary greatly from day to day as these animals are highly mobile. It is possible that species listed under SARA (such as blue and fin whales, and killer whales) could be sighted there now, in addition to small cetaceans such as white-beaked dolphins. Deep-diving species such as sperm whales, pilot whales, and beaked whales (such as northern bottlenose and Sowerby's beaked whales) are more likely to be sighted further east on the edge of the Grand Banks, but given that sperm whales are routinely sighted following trawlers on the Grand Banks, it is possible that this species could also be seen in the spill area.

Given the apparent diffusion of this spill, and the mobile nature of these cetaceans I do not expect a significant impact on these animals. Particularly in comparison to the potential impact on seabirds, which rely on clean feathers for insulation.

Given the extent of monitoring that has and will be undertaken we would be most interested to obtain any aerial or vessel-based imagery of marine mammals in or near the spill area to determine species, ages, and possibly behaviour.

regards, Jack

Dr. Jack Lawson
Research Scientist / Chercheur scientifique
Marine Mammals Section / Section de mammifères marins
Fisheries and Oceans Canada / Pêches et Océans Canada
NAFC, 80 East White Hills Rd.
St. John's, NL / Terre-Neuve et Labrador
Canada A1C 5X1
(709) 772-2285 (709) 772-4188 (FAX)
Jack.Lawson@dfw-mpo.gc.ca
Twitter: @drjwlawson

On Nov 19, 2018, at 11:25, Stenson, Garry <Garry.Stenson@dfw-mpo.gc.ca> wrote:

Hi Kyle

I am not sure if Jack got back to you yet. With respect to harp and hooded seals, this area is part of their winter feeding range. However, these two species summer in the Arctic and are not usually seen much around here until Dec. There may be the odd animal out there but I would not expect a huge number this early in the fall.

Garry

From: Matheson, Kyle
Sent: November-18-18 4:58 PM
To: Stenson, Garry; Lawson, Jack
Subject: Searose oil spill - marine mammals;

Hi Garry and Jack,

I wanted to provide you both with a quick update on the current oil spill incident from the Searose FSPO that you have likely heard about in the news this weekend.

The incident happened ~300 km offshore and was reported to have a subsea release of 250 t of crude oil. Sea state conditions have prevented containment or clean-up operations and a ROV has not been able to further assess the situation (unlikely until Mon or Tues)

Initial overflights yesterday assessed the surface slick to contain ~2500 L (and covered an area of ~ 160 km²) and another overflight today assessed ~500 L on the surface and no new oil on the surface. This indicates that it was likely a batch release (and is not continuous) and the sea state is naturally dispersing the product, which are both good.

Husky has produced a Wildlife Response Plan, which we saw the first draft of today. There was no mention of marine mammal observations, so we have requested that this be addressed in the revised plan. We have also requested the credentials of the wildlife observers that will be on the surveys. I believe from past conversations you have mentioned that LGL is experienced with marine mammal observations. Tony Lang (LGL) is one of the observers. Are you familiar with him? I expect to receive a revised Wildlife Response Plan today or Monday and will forward any questions that I have to you both as I review it.

Finally, from looking at the data Nadine Wells collected for the EBSA process, this area showed a higher diversity of marine mammals relative to surrounding areas. Harp and hooded seals were listed, as well as killer whales and other small whales (although seasonality was not indicated). Can you confirm what marine mammal species are likely to be observed at this time of year in that area (I have attached a map)?

Thanks, Kyle

Bungay, Kerry

From: Bungay, Kerry
Sent: November-19-18 8:48 AM
To: Simms, Jason
Cc: Slaney, Lloyd
Subject: FW: Update: FW: Incident SITREP 003, ER, FPSO Sea Rose - 250 Cubic Meters Crude Oil Spill

Latest Update Jason.

From: Matheson, Kyle
Sent: November-19-18 8:45 AM
To: Bungay, Kerry
Cc: Pilgrim, Bret
Subject: Fw: Update: FW: Incident SITREP 003, ER, FPSO Sea Rose - 250 Cubic Meters Crude Oil Spill

Hi Kerry,

Another surveillance flight was conducted Sun morning and observed only 450 L on the surface (mostly light sheening over a large area) and no new oil was detected during a second flight in the afternoon that focused on areas not previously checked for oil.

This is good news, indicating that much of the oil is likely dispersing in the high sea state (~2500 L detected on the surface the day before) and providing further evidence that it was a batch spill and is not a continuous leak.

The ROV has still not been able to make a proper assessment on the equipment to check for any further risk, which will be conducted when the weather subsides (likely Monday or Tuesday).

Are there any other questions or requests from the Fisheries side?

Cheers, Kyle

From: MSOC-East / COSM-Est (DFO/MPO)
Sent: Sunday, November 18, 2018 6:16 PM
To: DFO.F CCG Nat Incidents / Incidents Nat GCC F.MPO
Subject: Incident SITREP 003, ER, FPSO Sea Rose - 250 Cubic Meters Crude Oil Spill

1. CCG Region/Incident Name: Sea Rose FPSO release estimated at 250 cubic meters of crude

2. Incident Category/Type: Marine ER Type 4

3. Date/Time: November 18, 18:00hrs

4. Primary Department(s)/Agency(s): C-NNLOPB

5. Supporting Departments/Agencies: ECCC, CCG, CWS

6. Regional Location: Atlantic

a. Province/Territory: Newfoundland and Labrador

b. City: NA

c. Amplifying location: Sea Rose FPSO, White Rose Oil Field

7. Current Situation: At 15:30 Local Time, 16/11/2018, the SEAROSE FPSO reported losing approximately 250 cubic meters of crude while circulating crude through their subsea line in preparation to go back in production after being shut down for the recent powerful storm. Third surveillance flight was conducted Sunday morning and observed a very light sheen over a large area. Area was 18 km X 3 km. A portion of that area 3 x 3 km has approximately 120 liters. Coverage within the area was approximately 15%. Of the 15%, 95% was Tar code A, 4% Tar code B resulting in a volume 450 liters and 1% Code D. Forth surveillance flight was conducted Sunday afternoon. Flight was tasked to check areas that haven't previously been checked to confirm no oil. The Oceans trajectory had oil go South, West, back North and then East. Oil only went south and a little East. Some sheen this afternoon which could have been from this morning's sighting but appeared to be smaller in area. No quantity available as the daylight was diminishing and things were hard to see. Husky Energy has requested same observers to be on flight tomorrow morning for consistency. Flight departure is scheduled for 07:00.

Weather on site appeared to be windier than yesterday with higher sea state. Husky Energy has their Regional Response Management Team (RRMT) activated at their Response Centre in St. John's.

8. Actions Taken: CCG ER remains in close contact with C-NLOPB and ECCC and with Husky Energy and their Environmental Coordinator at Husky Energy's Response Centre. CCG ER and the RO ECRC representatives were aboard surveillance flight at 07:00hrs this morning and again at 13:00hrs this afternoon.

Current Actions (other): Husky Energy has stood up their response center in St. John's. ECRC has been activated and will accompany CCG ER on surveillance flights. Spill tractor buoys have been deployed. Mass balance and spill trajectory has been run by ECCC. Wildlife observer and ROV have been deployed to site.

9. Media/Public Communications: Local media outlets have been reporting on the incident.

10. Activities Next 24 Hours: CCG ER personnel will remain in contact with C-NLOPB as assessment progresses and will continue to monitor incident for developments. CCG ER will continue close coordination with Husky Energy's Response Center (ICP).
11. Environmental Factors: Wind northwest 25 knots diminishing to northwest 15 late overnight and to light Monday morning. Wind increasing to south 15 to 20 Monday evening. Seas 5 to 7 meters subsiding to 3 to 5 this morning and to 2 to 3 Monday morning. Seas subsiding to 1 to 2 Monday evening.
12. Significant Issues: N/A
13. Personnel Status: One CCG ER Personnel was on surveillance flight today. Industry – Regional Response Management Team (RRMT), Spill Contractor – ECRC and other associated contractors.
14. Equipment Status: Industry – Surveillance Aircraft (PAL), three OSV's – Skandi Vinland ROV Operations prepping for transit to site for subsurface assessment, Maersk Dispatcher – Wildlife Observer and Spill Surveillance, Atlantic Hawk – Safety Stand-by and regular surveillance sweeps,
15. New Requirements: N/A
16. Command Assessment: Continue to monitor incident for further developments and support C-NLOPB as required.
17. Next SITREP: Approximately 16:00 local time Monday after daily surveillance flight(s).

Maritime Security Officer / Agent de sécurité maritime Canadian Coast Guard / Garde côtière canadienne Marine Security Operations Centre - East / Centre d'opérations de la sécurité maritime – Est CFB Halifax / BFC Halifax Building D-201 / Bâtiment D-201

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PO Box 99000 Stn Forces / PO Box 99000 Succ Forces Halifax, Nova Scotia, Canada B3K 5X5 msoceast@dfo-mpo.gc.ca Telephone / Téléphone: (902) 427-0662
Fax / Télécopieur: (902) 427-7841 Secure Telephone/Fax / Téléphone/Télécopieur Sûr: (902) 427-2987 Government of Canada / Gouvernement du Canada

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Bungay, Kerry

From: Bungay, Kerry
Sent: November-19-18 8:47 AM
To: Matheson, Kyle
Cc: Pilgrim, Bret
Subject: RE: Update: FW: Incident SITREP 003, ER, FPSO Sea Rose - 250 Cubic Meters Crude Oil Spill

Thanks, will pass along.

From: Matheson, Kyle
Sent: November-19-18 8:45 AM
To: Bungay, Kerry
Cc: Pilgrim, Bret
Subject: Fw: Update: FW: Incident SITREP 003, ER, FPSO Sea Rose - 250 Cubic Meters Crude Oil Spill

Hi Kerry,

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Cheers, Kyle

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15. New Requirements: N/A

16. Command Assessment: Continue to monitor incident for further developments and support C-NLOPB as required.

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Maritime Security Officer / Agent de sécurité maritime Canadian Coast Guard / Garde côtière canadienne Marine Security Operations Centre - East / Centre d'opérations de la sécurité maritime – Est CFB Halifax / BFC Halifax Building D-201 / Bâtiment D-201

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Matheson, Kyle

From: Matheson, Kyle
Sent: November-19-18 4:54 PM
To: McCallum, Barry
Cc: Mansour, Atef A H; Clarke, Keith
Subject: Update: Searose flight observation update Nov 19 2018

A quick update: On the surveillance flight this morning no product was observed on the water.

Flights will still continue tomorrow and will include wildlife observers for marine mammals and seabirds.

Cheers, Kyle

Pilgrim, Bret

From: Matheson, Kyle
Sent: November-19-18 11:16 AM
To: Pilgrim, Bret
Subject: Wildlife response plan;

Hi Bret,

I just tried to give you a shout, but you were away from your desk. I quickly looked over the wildlife response protocol we received this morning and had a couple of comments to share with Graham. I thought I'd pass long to you for a quick look or chance to add anything before I forward to Graham (feel free to forward along as well).

Cheers, Kyle

"Hi Graham,

I just looked over the most recent wildlife plan and had a couple of comments.

The only new mention for marine mammals was, "Although the protocol referenced are for seabird observations, any additional marine wildlife (e.g., whales, sea turtles, etc.) observed during the seabird surveys will be recorded and submitted with the seabird data." However, later it was stated that the surveys are exclusively dedicated to detecting birds. The protocols used for bird observations can be effective at detecting marine mammals as well, so I think it would be important to emphasize that the surveys are for detecting both birds and marine mammals.

Also, there is no dedicated column (or any mention) of marine mammal sightings in the spreadsheet that I received this morning.

Lastly, I will also request that DFO receives a copy of the daily report, even if marine mammals observations are nil.

Thanks, Kyle"

Page 473

**is withheld pursuant to sections
est retenue en vertu des articles**

19(1), 24(1)

**of the Access to Information Act
de la Loi sur l'accès à l'information**

**Pages 474 to / à 478
are withheld pursuant to section
sont retenues en vertu de l'article**

24(1)

**of the Access to Information Act
de la Loi sur l'accès à l'information**

**Pages 479 to / à 484
are withheld pursuant to sections
sont retenues en vertu des articles**

19(1), 24(1)

**of the Access to Information Act
de la Loi sur l'accès à l'information**

Page 485

**is withheld pursuant to section
est retenue en vertu de l'article**

24(1)

**of the Access to Information Act
de la Loi sur l'accès à l'information**

Dumoulin, Isabelle

From: Gascon, Julie
Sent: November 19, 2018 11:16 AM
To: Smith, Fiona; NCC / CCN (DFO/MPO); Gougeon, Vincent; Justice, Robert; Lohnes, Christopher; Moss, Derek; Richardson, Dena; Saheb-Ettaba, Abdelaziz; Tettamanti, Ryan
Cc: Brooks, Robert
Subject: RE: NIMT audio conference – 0730 EST - NOV 19

Merci!

From: Smith, Fiona
Sent: November 19, 2018 10:37 AM
To: NCC / CCN (DFO/MPO) <NCC-CCN.XNCR@dfo-mpo.gc.ca>; Gascon, Julie <Julie.Gascon@dfo-mpo.gc.ca>; Gougeon, Vincent <Vincent.Gougeon@dfo-mpo.gc.ca>; Justice, Robert <Robert.Justice@dfo-mpo.gc.ca>; Lohnes, Christopher <Christopher.Lohnes@dfo-mpo.gc.ca>; Moss, Derek <Derek.Moss@dfo-mpo.gc.ca>; Richardson, Dena <Dena.Richardson@dfo-mpo.gc.ca>; Saheb-Ettaba, Abdelaziz <Abdelaziz.Saheb-Ettaba@dfo-mpo.gc.ca>; Tettamanti, Ryan <Ryan.Tettamanti@dfo-mpo.gc.ca>
Cc: Brooks, Robert <Robert.Brooks@dfo-mpo.gc.ca>
Subject: RE: NIMT audio conference – 0730 EST - NOV 19

Thank you – just a couple of notes of clarification on the Searose for comms.

Fiona Smith

Senior Communications Advisor | Conseillère principale en communications
 Canadian Coast Guard | Garde côtière canadienne

NEW BB: [REDACTED]

notes from the **NIMT audio conference – 0730 EST - NOV 19.**

CCGS CORPORAL MCLAREN

- Region will stand-up Incident Command structure (events estimated to stretch for a few days)
- London Offshore Consulting was contacted and is on scene to provide support
- Lots of media attention (broadcast on CBC National news last night)
- CCG so far displayed a solid approach towards media releases
- Currently working with C&P personnel to build more awareness of the situation
- "Fisheries Management" topic on East Coast might be an issue (hence a need for situational awareness)
- "Who was responsible?" question remains un-answered
- Management team is split between Dartmouth, NS and St. John's, NL – efforts are made to figure out the best structure in long term (Who is part of the RIMT and their specific roles?)
- Need to clearly define roles & responsibilities amongst federal departments identified emphasized
- Estimated 2 calls/day for the two ongoing incidents (CCGS CORPORAL MCLAREN, FPSO SEAROSE)
 - Timings TBC

FPSO SEAROSE

- Aerial surveillance is being conducted; CCG officers are on the NASP flights assessing the situation
- Out of 250 m3 spilled only 3 m3 were observed/accounted for.
- Media note was issued (direction to shut down all rigs due to inclement weather – unable to deploy ROV for proper assessment)

- Request for CCG interview arrived from media during this AM. Would speak to CCG role only. (CNLOPB and NRCan would be lead).
- Spokesperson: David Yard, Superintendent ER
- CCG is participating in a support role (ER mandate). NRCan is lead agency and is in discussions with Energy Board regarding the incident.
- TC is the agency involved in the certification of Life Saving Appliances onboard oil platforms
- Glen Sloan is the communications lead in HQ.
- As a result of OPP CCG has an improved response capability however, weather (currently and in the near future forecast) is not suitable for ANY mechanical recovery of spilled material.

Silviu Isache

Operations Officer | Officier des opérations

National Command Centre (NCC) | Centre de commandement national (CCN)

Maritime Security (MARSEC) | Sûreté maritime (MARSEC)

Canadian Coast Guard | Garde côtière canadienne

200 Kent Street, 7th floor E-310 | 200 rue Kent, 7ème étage E-310

Ottawa, Ontario, K1A 0E6

Tel: (613) 998-1497

@: Silviu.Isache@dfo-mpo.gc.ca

Pilgrim, Bret

From: Matheson, Kyle
Sent: November-20-18 10:27 PM
To: Thomas, Graham (EC)
Cc: Pilgrim, Bret
Subject: Re: Brief update; s.16(2)
s.19(1)

Thanks Graham - much appreciated.

- Kyle

Sent from my BlackBerry 10 smartphone on the Bell network.

From: Thomas, Graham (EC)
Sent: Tuesday, November 20, 2018 8:32 PM
To: Matheson, Kyle
Cc: Pilgrim, Bret
Subject: RE: Brief update;

No oil sheens observed today or yesterday. The report this morning [REDACTED] was checked multiple times including a second dedicated flight with CCG ER on board.

Graham Thomas

Senior Officer, Preparedness and Response – Atlantic
National Environmental Emergencies Centre (NEEC) - Mount Pearl Office
Environmental Protection Operations Directorate
Environment and Climate Change Canada / Government of Canada
graham.thomas@canada.ca / Tel: 709-772-4285 / Cell : [REDACTED] / Emergencies 24/7 : 1-866-283-2333

Agent principal, Préparation et intervention – Atlantique
Centre national des urgences environnementales (CNUÉ) - Bureau de Mount Pearl
Direction des activités de protection de l'environnement
Environnement et Changement climatique Canada / Gouvernement du Canada
graham.thomas@canada.ca / Tél. : 709-772-4285 / Cell : [REDACTED] / Urgences 24/7 : 1-866-283-2333

From: Matheson, Kyle [<mailto:Kyle.Matheson@dfo-mpo.gc.ca>]
Sent: November 20, 2018 2:10 PM
To: Thomas, Graham (EC)
Cc: Pilgrim, Bret
Subject: Brief update;

Hi Graham,

I realize you are busy, but quick question which came to us from upper management... with news of a few more small patches of oil found on the surface, do you foresee any changes/new expected requests for DFO (e.g. Science Table etc) or expect much the same until we hear otherwise/something larger comes up (and we will remain plugged in)?

Thanks, Kyle

LeBlanc, Brian (Acting AC, Atlantic Region)

From: LeBlanc, Brian (Executive Director, CCGC)
Sent: November 20, 2018 11:33 AM
To: Gascon, Julie; Spurrell, Wade; Moss, Derek
Subject: FW: activation of the MOU between Canada Coast Guard and CNLOPB
Attachments: Memorandum of Understanding Between C-NLOPB and CCG - 2014-06-18.pdf

FYI, this will formalize the surveillance activities we have been conducting and provide advice to their operations. I have attached the MOU for information.

Brian LeBlanc

Acting Assistant Commissioner / Commissaire adjoint par intérim

Canadian Coast Guard/Garde côtière canadienne
Atlantic Region/Région de l'Atlantique
Government of Canada / Gouvernement du Canada

Telephone/Téléphone: (709) 772-5150
Facsimile/Télécopieur: (709) 772-4194
e-mail/courriel: brian.leblanc@dfo-mpo.gc.ca

From: LeBlanc, Brian (Executive Director, CCGC)
Sent: Tuesday, November 20, 2018 11:30 AM
To: 'JOkееfe@cnlopb.ca' <JOkееfe@cnlopb.ca>
Cc: Miller, Anne <Anne.Miller@dfo-mpo.gc.ca>; Yard, David C <David.Yard@dfo-mpo.gc.ca>
Subject: RE: activation of the MOU between Canada Coast Guard and CNLOPB

Mr. O'Keefe,

I approve activation of the Memorandum of Understanding (MOU) Between the CANADA-NEWFOUNDLAND AND LABRADOR OFFSHORE PETROLEUM BOARD and the CANADIAN COAST GUARD dated 2014/06/18 in relation to your formal request for assistance, coordination and support for the Husky spill incident of Friday November 16, 2018.

Brian LeBlanc

Acting Assistant Commissioner / Commissaire adjoint par intérim

Canadian Coast Guard/Garde côtière canadienne
Atlantic Region/Région de l'Atlantique
Government of Canada / Gouvernement du Canada

Telephone/Téléphone: (709) 772-5150
Facsimile/Télécopieur: (709) 772-4194
e-mail/courriel: brian.leblanc@dfo-mpo.gc.ca

From: Miller, Anne**Sent:** Tuesday, November 20, 2018 11:10 AM**To:** LeBlanc, Brian (Executive Director, CCGC) <Brian.LebLANC@dfo-mpo.gc.ca>**Cc:** Spurrell, Wade <Wade.Spurrell@DFO-MPO.GC.CA>; Gascon, Julie <Julie.Gascon@dfo-mpo.gc.ca>; Yard, David C <David.Yard@dfo-mpo.gc.ca>**Subject:** FW: activation of the MOU between Canada Coast Guard and CNLOPB

Brian,

Further to our discussion this morning, the C-NLOPB has requested that the MOU **with** CCG be activated as the response to the crude spill at the offshore drilling platform FPSO White Rose. The detail of what that will entail and the role of CCG is outlined in the attached email from David. We will, upon confirmation of your approval as Acting A/C, assign and embed CCG representatives with the board to carry out the CCG functions as required under the MOU. As you are aware, we are already, to a limited extent carrying out some of these functions but anticipate an increased involvement in the advisory role of their required response plans proceed for the intended subsea work on site.

If you would please respond with your confirmation of the request to activate to Mr. Jeff O'Keefe at C-NLOPB (JOkeefe@cnlopb.ca) with a copy to myself and David at your earliest convenience it would be greatly appreciated. If you require any additional information or clarification please don't hesitate. A copy of the MOU is attached.

Anne

Anne Miller

Regional Director, Incident Management, Atlantic Region | Directrice Régionale, Gestion des incidents, Région de l'Atlantique
Canadian Coast Guard | Garde côtière canadienne

CCG Atlantic Region, Dartmouth Office | GCC, Région de l'Atlantique, Bureau de Dartmouth
50 Discovery Drive | 50 chemin Discovery
PO Box 1000 | CP 1000
Dartmouth N.S. | N.-É. B2Y 3Z8

Téléphone | Telephone : 902-426-9022

Cell | Cellulaire :

Email | Courriel : Anne.Miller@dfo-mpo.gc.ca**From:** Yard, David C**Sent:** November-20-18 10:15 AM**To:** Miller, Anne**Subject:** FW: activation of the MOU between Canada Coast Guard and CNLOPB**Importance:** High

Hi Anne,

The board would like to formally request the AC CCG to activate the MOU for CCG assistance of the ongoing Husky / Sea Rose incident.

Section 3.0 of Annex 1 to the MOU outlines the types of Resource Agency Support the CCG could be request to provide to the Board.

3.0 Requests for Assistance, Coordination and Cooperation in Response Operations During an Emergency Situation

3.1. As described in relevant CCG marine spills contingency plans, marine spill response services could be provided by CCG to the Board in their capacity as a Resource Agency, upon formal request for assistance by the Board's Chief Conservation Officer.

3.2. CCG assistance may include advisory services, technical support, monitoring and surveillance, equipment or personnel, for the purposes of responding to an oil pollution incident in the offshore upon the request of the Board. Examples of requests for

assistance from the Board include, but are not limited to the following:

- 3.2.1. Spill response plan review at request of the Board;
- 3.2.2. Review and provision of advice on emergency preparedness;
- 3.2.3. Operational advice to, and liaison with, staff of the Board via phone, email, or onsite at Board offices regarding spill response activities, as part of monitoring of an operator's spill response; and,
- 3.2.4. Operational field monitoring and/or surveillance or active response operations by CCG on behalf of the Board.

To date the CCG has provided 1 SRO to go on aerial surveillance flights to provide operational and technical input for the surveillance activities during the Board assessment of the incident.

As the Board moves towards reviewing the Response Plan from the Operator, CCG will be requested to provide operational input on the Response Plan the Board receives from the operator.

As a next step a small team of 2-3 CCG ER personnel will be embedded at the Board to conduct those activities as resource agency support and report back to CCG.

If in agreement, can you forward to Brian and request an email response back to Mr. Jeff Okeefe acknowledging the formal request for assistance under section 3.0 of the MOU and that CCG will provide Resource Agency support to the Board as per section 3.0 of the MOU.

Thanks
David

From: Crann, Larry
Sent: November-19-18 3:01 PM
To: Yard, David C
Subject: FW: activation of the MOU between Canada Coast Guard and CNLOPB

David,

Activation of the MOU between CCG and CNLOPB

Larry Crann
A/Deputy Superintendent | Surintendant Adjoint
Environmental Response | Intervention Environnementale
Canadian Coast Guard | Garde côtière canadienne
P.O. Box 5667 St. John's, NL A1C 5X1 | C.P. 5667 Saint Jean, T-N A1C 5X1
Larry.Crann@dfo-mpo.gc.ca
Telephone | Téléphone 709-772-3280
Facsimile | Télécopieur 709-772-4066
Cell | Cell [REDACTED]
Government of Canada | Gouvernement du Canada

From: Okeefe, Jeff [<mailto:JOkeefe@cnlopb.ca>]
Sent: November-19-18 2:55 PM
To: Crann, Larry
Cc: Young, Elizabeth; Gover, Susan; Murphy, Tim
Subject: activation of the MOU between Canada Coast Guard and CNLOPB

Larry

As per section 3.0 of the above MOU, this is a formal request for assistance, coordination and support for the Husky spill incident of Friday November 16, 2018

3.0 Requests for Assistance, Coordination and Cooperation in Response Operations During an Emergency Situation

3.1. As described in relevant CCG marine spills contingency plans, marine spill response services could be provided by CCG to the Board in their capacity as a Resource Agency, upon formal request for assistance by the Board's Chief Conservation Officer.

3.2. CCG assistance may include advisory services, technical support, monitoring and surveillance, equipment or personnel, for the purposes of responding to an oil pollution incident in the offshore upon the request of the Board. Examples of requests for assistance from the Board include, but are not limited to the following:

- 3.2.1. Spill response plan review at request of the Board;
- 3.2.2. Review and provision of advice on emergency preparedness;
- 3.2.3. Operational advice to, and liaison with, staff of the Board via phone, email, or onsite at Board offices regarding spill response activities, as part of monitoring of an operator's spill response; and,
- 3.2.4. Operational field monitoring and/or surveillance or active response operations by CCG on behalf of the Board.

Regards

Jeff O'Keefe

Chief conservation Officer

C-NLOPB

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MEMORANDUM OF UNDERSTANDING (MOU)

BETWEEN

THE CANADA-NEWFOUNDLAND AND LABRADOR OFFSHORE PETROLEUM BOARD (hereinafter referred to as “the Board”)

AND

THE CANADIAN COAST GUARD (hereinafter referred to as “CCG”) (HEREINAFTER REFERRED TO COLLECTIVELY AS THE “PARTICIPANTS”)

WHEREAS the Canada-Newfoundland and Labrador Offshore Petroleum Board (C-NLOPB) is the independent joint agency of the Governments of Canada and Newfoundland and Labrador responsible for the regulation of petroleum activities in the Newfoundland and Labrador Offshore Area;

WHEREAS pursuant to the *Canada-Newfoundland Atlantic Accord Implementation Act* and the *Canada-Newfoundland and Labrador Atlantic Accord Implementation Newfoundland and Labrador Act* (the Accord Acts), the C-NLOPB is the lead agency responsible for the oversight of, and potential intervention for, spill response from an offshore installation;

WHEREAS the operator to which the authorization has been granted must respond to and report the spill to the Chief Conservation Officer in accordance with the requirements in Part III of the Accord Acts;

WHEREAS the Canadian Coast Guard, a Special Operating Agency of the Department of Fisheries and Oceans, is the lead federal agency responsible for ensuring an appropriate response for ship-source pollution and mystery-source pollution in Canadian waters;

WHEREAS the Canadian Coast Guard's mandate is stated in the *Oceans Act* and the *Canada Shipping Act, 2001*. As a Special Operating Agency of the Department of Fisheries and Oceans Canada (DFO), the Canadian Coast Guard helps DFO meet its responsibility to ensure safe and accessible waterways for Canadians. The *Oceans Act* gives the Department responsibility for providing: aids to navigation; marine communications and traffic management services; icebreaking and ice-management services; channel maintenance; marine search and rescue; marine pollution response; and support of other government departments, boards and agencies by providing ships, aircraft and other services. The *Canada Shipping Act, 2001* provides powers, responsibilities and obligations concerning: aids to navigation; search and rescue; pollution response; and vessel traffic services;

AND WHEREAS the Participants agree that implementation of this MOU will be subject to the capabilities of the Participants and the availability of relevant resources, specifically with respect

Pages 495 to / à 500
are public-denied pursuant to section
est public-refusé en vertu de l'article

68(a)

of the Access to Information Act
de la Loi sur l'accès à l'information

Crann, Larry

From: Yard, David C
Sent: November-20-18 12:24 PM
To: Crann, Larry
Subject: RE: Husky spill - update

Thanks

David Yard
Superintendent Environmental Response
Surintendant Intervention Environnementale
CCG Atlantic/GCC Atlantique
(709) 772-6338
[REDACTED] blackberry
David.Yard@dfo-mpo.gc.ca

From: Crann, Larry
Sent: November-20-18 12:22 PM
To: Yard, David C
Subject: Fw: Husky spill - update

FYI

Sent from my BlackBerry 10 smartphone on the Bell network.

From: Burley, Dave <DBurley@cnlopb.ca>
Sent: Tuesday, November 20, 2018 12:21
To: Crann, Larry
Subject: FW: Husky spill - update

Hello Larry:

The update below is generally the best to use for now. A later addition, per my earlier call to you, is that we have been informed that this morning's recon flight observed some slick(s) about 57 miles south of the WR field – no volume estimate available at this time. As you know a second flight is imminent, that Bruce English will be on.

Regards
DaveB

**Pages 502 to / à 503
are withheld pursuant to section
sont retenues en vertu de l'article**

24(1)

**of the Access to Information Act
de la Loi sur l'accès à l'information**

Page 504

**is withheld pursuant to sections
est retenue en vertu des articles**

19(1), 24(1)

**of the Access to Information Act
de la Loi sur l'accès à l'information**

**Pages 505 to / à 521
are withheld pursuant to section
sont retenues en vertu de l'article**

24(1)

**of the Access to Information Act
de la Loi sur l'accès à l'information**

**Pages 522 to / à 525
are withheld pursuant to sections
sont retenues en vertu des articles**

19(1), 24(1)

**of the Access to Information Act
de la Loi sur l'accès à l'information**

Page 526

**is withheld pursuant to sections
est retenue en vertu des articles**

20(1)(b), 24(1)

**of the Access to Information Act
de la Loi sur l'accès à l'information**

Crann, Larry

From: Yard, David C
Sent: November-20-18 11:46 AM
To: Crann, Larry
Subject: FW: activation of the MOU between Canada Coast Guard and CNLOPB

David Yard
Superintendent Environmental Response
Surintendant Intervention Environnementale
CCG Atlantic/GCC Atlantique
(709) 772-6338
[REDACTED] blackberry
David.Yard@dfo-mpo.gc.ca

From: LeBlanc, Brian (Executive Director, CCGC)
Sent: November-20-18 11:30 AM
To: JOkeefe@cnlopb.ca
Cc: Miller, Anne; Yard, David C
Subject: RE: activation of the MOU between Canada Coast Guard and CNLOPB

Mr. O'Keefe,

I approve activation of the Memorandum of Understanding (MOU) Between the CANADA-NEWFOUNDLAND AND LABRADOR OFFSHORE PETROLEUM BOARD and the CANADIAN COAST GUARD dated 2014/06/18 in relation to your formal request for assistance, coordination and support for the Husky spill incident of Friday November 16, 2018.

Brian LeBlanc**Acting Assistant Commissioner / Commissaire adjoint par intérim**

Canadian Coast Guard/Garde côtière canadienne
Atlantic Region/Région de l'Atlantique
Government of Canada / Gouvernement du Canada

Telephone/Téléphone: (709) 772-5150
Facsimile/Télécopieur: (709) 772-4194
e-mail/courriel: brian.leblanc@dfo-mpo.gc.ca

From: Miller, Anne
Sent: Tuesday, November 20, 2018 11:10 AM
To: LeBlanc, Brian (Executive Director, CCGC) <Brian.Leblanc@dfo-mpo.gc.ca>
Cc: Spurrell, Wade <Wade.Spurrell@DFO-MPO.GC.CA>; Gascon, Julie <Julie.Gascon@dfo-mpo.gc.ca>; Yard, David C <David.Yard@dfo-mpo.gc.ca>
Subject: FW: activation of the MOU between Canada Coast Guard and CNLOPB

Brian,

Further to our discussion this morning, the C-NLOPB has requested that the MOU **with** CCG be activated as the response to the crude spill at the offshore drilling platform FPSO White Rose. The detail of what that will entail and the role of CCG is outlined in the attached email from David. We will, upon confirmation of your approval as Acting A/C, assign and embed CCG representatives with the board to carry out the CCG functions as required under the MOU. As you are aware, we are already, to a limited extent carrying out some of these functions but anticipate an increased involvement in the advisory role of their required response plans proceed for the intended subsea work on site.

If you would please respond with your confirmation of the request to activate to Mr. Jeff O'Keefe at C-NLOPB (JOkeefe@cnlopb.ca) with a copy to myself and David at your earliest convenience it would be greatly appreciated.

If you require any additional information or clarification please don't hesitate. A copy of the MOU is attached.

Anne

Anne Miller

Regional Director, Incident Management, Atlantic Region | Directrice Régionale, Gestion des incidents, Région de l'Atlantique
Canadian Coast Guard | Garde côtière canadienne

CCG Atlantic Region, Dartmouth Office | GCC, Région de l'Atlantique, Bureau de Dartmouth
50 Discovery Drive | 50 chemin Discovery
PO Box 1000 | CP 1000
Dartmouth N.S. | N.-É. B2Y 3Z8

Téléphone | Telephone : 902-426-9022

Cell | Cellulaire : [REDACTED]

Email | Courriel : Anne.Miller@dfo-mpo.gc.ca

From: Yard, David C

Sent: November-20-18 10:15 AM

To: Miller, Anne

Subject: FW: activation of the MOU between Canada Coast Guard and CNLOPB

Importance: High

Hi Anne,

The board would like to formally request the AC CCG to activate the MOU for CCG assistance of the ongoing Husky / Sea Rose incident.

Section 3.0 of Annex 1 to the MOU outlines the types of Resource Agency Support the CCG could be request to provide to the Board.

3.0 Requests for Assistance, Coordination and Cooperation in Response Operations During an Emergency Situation

3.1. As described in relevant CCG marine spills contingency plans, marine spill response services could be provided by CCG to the Board in their capacity as a Resource Agency, upon formal request for assistance by the Board's Chief Conservation Officer.

3.2. CCG assistance may include advisory services, technical support, monitoring and surveillance, equipment or personnel, for the purposes of responding to an oil pollution incident in the offshore upon the request of the Board. Examples of requests for assistance from the Board include, but are not limited to the following:

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3.2.3. Operational advice to, and liaison with, staff of the Board via phone, email, or onsite at Board offices regarding spill response activities, as part of monitoring of an operator's spill response; and,

3.2.4. Operational field monitoring and/or surveillance or active response operations by

CCG on behalf of the Board.

To date the CCG has provided 1 SRO to go on aerial surveillance flights to provide operational and technical input for the surveillance activities during the Board assessment of the incident.

As the Board moves towards reviewing the Response Plan from the Operator, CCG will be requested to provide operational input on the Response Plan the Board receives from the operator.

As a next step a small team of 2-3 CCG ER personnel will be embedded at the Board to conduct those activities as resource agency support and report back to CCG.

If in agreement, can you forward to Brian and request an email response back to Mr. Jeff Okeefe acknowledging the formal request for assistance under section 3.0 of the MOU and that CCG will provide Resource Agency support to the Board as per section 3.0 of the MOU.

Thanks
David

From: Crann, Larry
Sent: November-19-18 3:01 PM
To: Yard, David C
Subject: FW: activation of the MOU between Canada Coast Guard and CNLOPB

David,

Activation of the MOU between CCG and CNLOPB

Larry Crann
A/Deputy Superintendent | Surintendant Adjoint
Environmental Response | Intervention Environnementale
Canadian Coast Guard | Garde côtière canadienne
P.O. Box 5667 St. John's, NL A1C 5X1 | C.P. 5667 Saint Jean, T-N A1C 5X1
Larry.Crann@dfo-mpo.gc.ca
Telephone | Téléphone 709-772-3280
Facsimile | Télécopieur 709-772-4066
Cell | Cell [REDACTED]
Government of Canada | Gouvernement du Canada

From: Okeefe, Jeff [<mailto:JOkeefe@cnlopb.ca>]
Sent: November-19-18 2:55 PM
To: Crann, Larry
Cc: Young, Elizabeth; Gover, Susan; Murphy, Tim
Subject: activation of the MOU between Canada Coast Guard and CNLOPB

Larry

As per section 3.0 of the above MOU, this is a formal request for assistance, coordination and support for the Husky spill incident of Friday November 16, 2018

3.0 Requests for Assistance, Coordination and Cooperation in Response Operations
During an Emergency Situation

3.1. As described in relevant CCG marine spills contingency plans, marine spill response services could be provided by CCG to the Board in their capacity as a Resource Agency, upon formal request for assistance by the Board's Chief Conservation Officer.

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- 3.2.4. Operational field monitoring and/or surveillance or active response operations by CCG on behalf of the Board.

Regards

Jeff O'Keefe

Chief conservation Officer

C-NLOPB

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Pilgrim, Bret

From: Thomas, Graham (EC) <graham.thomas@canada.ca>
Sent: November-20-18 3:47 PM
To: Matheson, Kyle
Cc: Pilgrim, Bret
Subject: RE: Brief update;

[REDACTED] Nothing additional at this time, I have no information on the extend of those patches, another flight was scheduled for this afternoon to get more info.

Graham Thomas

Senior Officer, Preparedness and Response – Atlantic
National Environmental Emergencies Centre (NEEC) - Mount Pearl Office
Environmental Protection Operations Directorate
Environment and Climate Change Canada / Government of Canada
graham.thomas@canada.ca / Tel: 709-772-4285 / Cell : [REDACTED] / **Emergencies 24/7 : 1-866-283-2333**

Agent principal, Préparation et intervention – Atlantique
Centre national des urgences environnementales (CNUÉ) - Bureau de Mount Pearl
Direction des activités de protection de l'environnement
Environnement et Changement climatique Canada / Gouvernement du Canada
graham.thomas@canada.ca / Tél. : 709-772-4285 / Cell : [REDACTED] / **Urgences 24/7 : 1-866-283-2333**

From: Matheson, Kyle [<mailto:Kyle.Matheson@dfo-mpo.gc.ca>]
Sent: November 20, 2018 2:10 PM
To: Thomas, Graham (EC)
Cc: Pilgrim, Bret
Subject: Brief update;

Hi Graham,

I realize you are busy, but quick question which came to us from upper management... with news of a few more small patches of oil found on the surface, do you foresee any changes/new expected requests for DFO (e.g. Science Table etc) or expect much the same until we hear otherwise/something larger comes up (and we will remain plugged in)?

Thanks, Kyle

Pike, Kelly J

From: Pike, Kelly J
Sent: Tuesday, November 20, 2018 12:52 PM
To: Butler, Annette
Cc: Finn, Ray; Edison, Margo; Bieger, Tilman; Neary, Lynn
Subject: FW: Call for ADM Bilat Items for Discussion
Attachments: Ecosystems Management Briefing Bullets for RDG Bilat with ADM Nov. 20, 2018.docx

Importance: High

Annette,

As requested, please some discussion items/ bullet updates for Jackie's Bilat this afternoon with ADM.

If she needs anything else in preparation for the Bilat, please let me know.

Thanks,

Kelly

From: Butler, Annette
Sent: Monday, November 19, 2018 9:16 AM
To: McCallum, Barry <Barry.McCallum@dfo-mpo.gc.ca>; Lambert, Robert <Robert.Lambert@dfo-mpo.gc.ca>; Finn, Ray <Ray.Finn@dfo-mpo.gc.ca>
Cc: Keough, Brittany <Brittany.Keough@dfo-mpo.gc.ca>; Loveless, Lynn <Lynn.Loveless@dfo-mpo.gc.ca>; Pike, Kelly J <Kelly.Pike@dfo-mpo.gc.ca>; Neary, Lynn <Lynn.Neary@dfo-mpo.gc.ca>
Subject: Call for ADM Bilat Items for Discussion
Importance: High

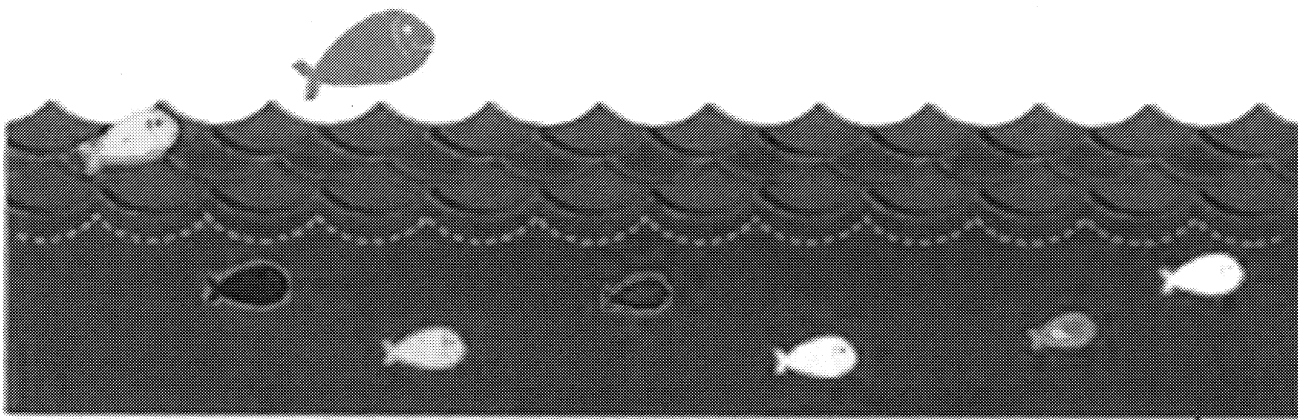
Good morning,

Can you please provide me with items for discussion with a brief summary, for the RDG's upcoming ADM bilats.

DUE: Tuesday, November 20, 2018 - COB

Thank you,

Annette Butler
Executive Assistant to the Regional Director General
Fisheries and Oceans
Newfoundland and Labrador Region
Telephone: 709-772-4599
Cell: [REDACTED]
Email: Annette.Butler@dfo-mpo.gc.ca



Ecosystems Management Input for MINO call On Nov. 21, 2018**Husky Incident of Nov 16, 2018**

- On Fri, Nov 16th DFO (FPP) received notifications of the Husky Oil spill incident from the National Environmental Emergencies Centre (NEEC). The current estimate of product lost is 250m³ (250,000L) of crude oil.
- FPP has a coordination role if a Science table is called by NEEC and will convene our internal Environmental Incidents Team for advice. To date, a Science table has not yet been established but we are actively communicating with the NEEC should the need arise.
- FPP plays a coordination role, in our region, with respect to spill response and emergency preparedness. Upon notification from the NEEC, DFO's Environmental Incidents Team is triggered. This team is led by the Fisheries Protection Program and includes a representative from all sectors to provide expert advice. A single coordinated DFO response is developed and forwarded to NEEC. This is guided by the "Newfoundland and Labrador Environmental Incident (NLEI) Team Notification Procedures" (currently under revision) and the "MOU between C-NLOPB and DFO".

Note: The C-NLOPB may also call up the NEEC to call a Science Table to assist in the provision of advice and information. At that time the DFO Environmental Incidents team will be called upon to provide advice lead by FPP

NL contribution to 2020 Marine Conservation Target**Laurentian Channel**

- It appears that the policy response to the recent advice from the national Panel on MPA Standards could provide a rationale for prohibiting oil and gas exploration and development in all MPAs.
- The Region has recently provided NHQ with updated Science information about the distribution of sensitive corals called sea pens in the Laurentian Channel AOI. This shows that sea pens exist to varying degrees throughout the AOI, including in areas where it was previously proposed that oil and gas could continue. This information could provide additional support for prohibiting all activities that could disrupt the benthos including petroleum exploration throughout the entire proposed Laurentian Channel, but only in conjunction with the policy response to the Panel advice.

- 

Coastal Labrador MPA in collaboration with Nunatsiavut

- We remain optimistic about prospect of establishing an MPA in collaboration with the Nunatsiavut Government in the mid-Labrador coast. It could be the entire NG Marine Zone within 12 miles from land from Nain to Rigolet, over 20,000 sq km. Regional Oceans personnel are participating this week in community consultations led by NG officials to discuss this. A formal DFO Science meeting in collaboration with the NG is scheduled for November 29-30, 2018 which will generate a Biophysical and Ecological Overview of a Study Area for this initiative.

Networks of Marine Protected Areas

- The Province of NL recently provided the Oceans program with a map of oil and gas prospectivity throughout the Region. Adjusting the network design for the Newfoundland and Labrador Shelves so as to avoid overlap with areas of prospectivity would result in a significant decrease in the integrity and effectiveness of the network. Overlap with prospectivity can thus likely not be eliminated in the network design that the Region is preparing to seek feedback on from key partners beginning in the last week of November.

Other

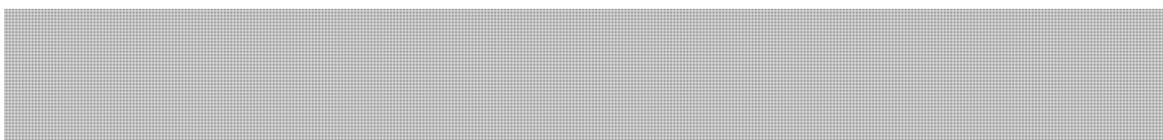
- The C-NLOPB recent announcement of bids has created some media interest and concern from ENGOs and the fishing industry about oil and gas activities continuing in areas set aside as marine refuges.

**Ecosystems Management Briefing Bullets for RDG Bilat with ADM
November 20, 2018**

Oceans Program:

1. 2020 Marine Conservation Target in Region:

- a Laurentian Channel: Science has provided information from recent studies of benthic communities in and around the Laurentian Channel AOI. These show that sea pens exist to varying degrees throughout the AOI, including outside of the core areas previously proposed. This could provide additional support for prohibiting all activities that could disrupt the benthos throughout the entire proposed MPA - but only in conjunction with GOC response to the Panel on MPA Standards.



- b. We remain optimistic about prospects of establishing an MPA in collaboration with the Nunatsiavut Government. It could be the entire zone within 12 miles from land from Nain to Rigolet, over 20,000 sq km. Regional Oceans personnel this week are participating in community consultations led by NG officials to discuss marine conservation initiatives. A CSAS process in collaboration with the NG is planned for November 29-30, 2018. The process will provide the Biophysical and Ecological Overview of a Study Area for this initiative.

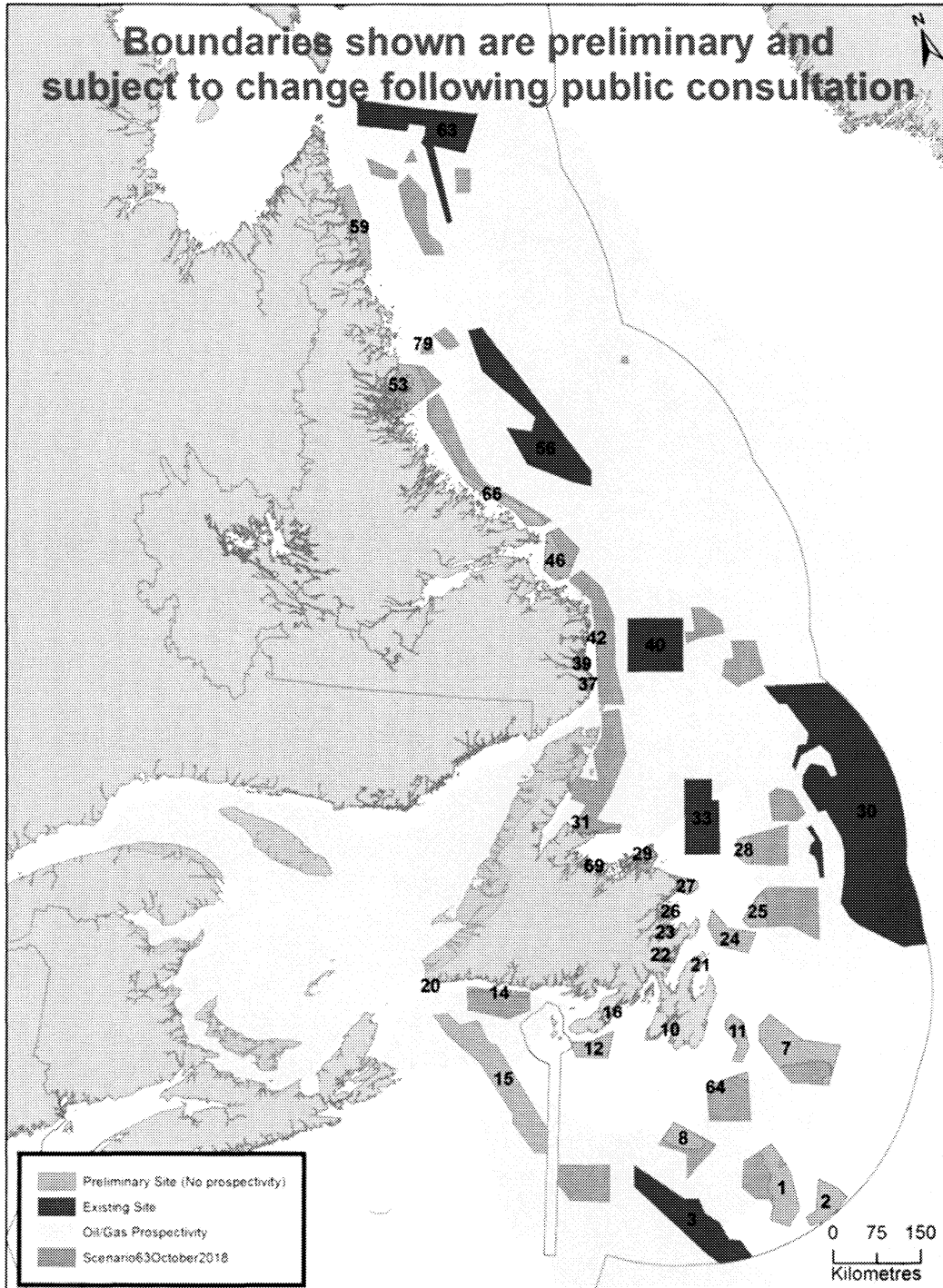
2. Networks:

Oceans has obtained information from the Province of NL on oil and gas prospectivity throughout the Region. Adjusting the network design for the Newfoundland and Labrador Shelves so as to avoid all overlap with prospectivity results in a significant decrease in the integrity and effectiveness of the network – (map attached). Overlap with prospectivity can thus likely not be eliminated in the network design that the Region is preparing to begin seeking feedback on from key partners in the last week of November.

3. Other:

The C-NLOPB recent announcement of bids has created some media interest and concern from ENGOs and the fishing industry about oil and gas activities continuing in areas set aside as marine refuges.

Map showing overlap between Nfld & Labrador Shelves Bioregion network areas and petroleum prospectivity (areas in taupe color are overlap)



Husky Incident of Nov. 16, 2018

- On Fri, Nov 16th DFO (FPP) received notifications of the Husky Oil spill incident from the National Environmental Emergencies Centre (NEEC). The current estimate of product lost is 250m³ (250,000L) of crude oil.
- FPP has a coordination role if a Science table is called by NEEC and will convene our internal Environmental Incidents Team for advice. To date, a Science table has not yet been established but we are actively communicating with the NEEC should the need arise.
- FPP plays a coordination role, in our region, with respect to spill response and emergency preparedness. Upon notification from the NEEC, DFO's Environmental Incidents Team is triggered. This team is led by the Fisheries Protection Program and includes a representative from all sectors to provide expert advice. A single coordinated DFO response is developed and forwarded to NEEC. This is guided by the "Newfoundland and Labrador Environmental Incident (NLEI) Team Notification Procedures" (currently under revision) and the "MOU between C-NLOPB and DFO".

Note: The C-NLOPB may also call up the NEEC to call a Science Table to assist in the provision of advice and information. At that time the DFO Environmental Incidents team will be called upon to provide advice lead by FPP

White, Ann-Margaret

From: Gaudet, Julien D
Sent: November-20-18 8:30 AM
To: White, Ann-Margaret
Subject: RE: Follow Up: Immediate Notification of Event - ER Atlantic, SEAROSE FPSO release estimated 250 cubic meters of crude - Initial

Julien Gaudet

MCTS Superintendent | Surintendant des SCTM
Atlantic Region | Région de l'Atlantique
Julien.Gaudet@dfo-mpo.gc.ca
Telephone: (902) 426-4564
Mobile [REDACTED]

From: White, Ann-Margaret
Sent: November 20, 2018 7:55 AM
To: Gaudet, Julien D <Julien.Gaudet@dfo-mpo.gc.ca>
Subject: Re: Follow Up: Immediate Notification of Event - ER Atlantic, SEAROSE FPSO release estimated 250 cubic meters of crude - Initial

Agree [REDACTED]

From: Gaudet, Julien D
Sent: Tuesday, November 20, 2018 6:49 AM
To: White, Ann-Margaret
Subject: RE: Follow Up: Immediate Notification of Event - ER Atlantic, SEAROSE FPSO release estimated 250 cubic meters of crude - Initial

No need, [REDACTED]

Julien Gaudet

MCTS Superintendent | Surintendant des SCTM
Atlantic Region | Région de l'Atlantique
Julien.Gaudet@dfo-mpo.gc.ca
Telephone: (902) 426-4564
Mobile [REDACTED]

From: White, Ann-Margaret
Sent: November 20, 2018 7:09 AM
To: Gaudet, Julien D <Julien.Gaudet@dfo-mpo.gc.ca>
Subject: Re: Follow Up: Immediate Notification of Event - ER Atlantic, SEAROSE FPSO release estimated 250 cubic meters of crude - Initial

Ok thanks. I will share with RD IM and AC

From: Gaudet, Julien D
Sent: Monday, November 19, 2018 9:17 AM
To: White, Ann-Margaret

Subject: RE: Follow Up: Immediate Notification of Event - ER Atlantic, SEAROSE FPSO release estimated 250 cubic meters of crude - Initial

Hi Anne,

Just to close the loop, request received at VCS at 22:56.

Julien Gaudet

*MCTS Superintendent | Surintendant des SCTM
Atlantic Region | Région de l'Atlantique
Julien.Gaudet@dfo-mpo.gc.ca
Telephone: (902) 426-4564
Mobile: ()*

From: White, Ann-Margaret

Sent: November 17, 2018 6:36 AM

To: Gaudet, Julien D <Julien.Gaudet@dfo-mpo.gc.ca>

Subject: Follow Up: Immediate Notification of Event - ER Atlantic, SEAROSE FPSO release estimated 250 cubic meters of crude - Initial

Hi Julien,

NINP was approved, and advised to proceed, via email at 6:18 pm directly with Supt ER. A/RD IM was in air transit and was cc'd. Original content of NINP and what was issued are the same.

I'll check into it.

Thanks,
AMW

From: Gaudet, Julien D

Sent: Friday, November 16, 2018 11:39 PM

To: White, Ann-Margaret

Subject: Fw: Immediate Notification of Event - ER Atlantic, SEAROSE FPSO release estimated 250 cubic meters of crude - Initial

Ann,

When was this request sent to VCS?

Julien

Sent from my BlackBerry 10 smartphone on the Rogers network.

From: MCTS Halifax / SCTM Halifax (DFO/MPO) <Supervisor.MCTS-Halifax@dfo-mpo.gc.ca>

Sent: Friday, November 16, 2018 11:04 PM

Subject: Immediate Notification of Event - ER Atlantic, SEAROSE FPSO release estimated 250 cubic meters of crude - Initial

Description of threat/event: *At 15:30 Local Time, 16/11/2018, the SEAROSE FPSO reported losing approximately 250 cubic meters of crude while circulating crude through their subsea line in preparation to go back in production after being shut down for the recent powerful storm.*

Anticipated Media Attention: *NTV news has reported on this.*

Program Reporting: *CCG Environmental Response*

Current CCG Actions: *CCG ER has contacted CNLOPB, the Lead Agency, who are working with the owner/operator, Husky Energy. PAL has also been contacted and have completed an overflight today.*

Current Actions (other): *Husky Energy and CNLOPB have met and started to produce an action plan. ECRC has been activated. ECCC, CWS and CCG ER have been briefed by the CNLOPB. PAL was contracted by Husky to complete an over flight today reporting observing a sheen of 3 cubic meters.*

Initial analysis/impact assessment on CCG: *No impact on CG programs.*

Notification provided to: *Regular distribution of information.*

Next Steps: *CCG ER remains in contact with CNLOPB, as they conduct their assessment of the incident, in the event CCG assistance is required. A significant storm event has been in the area over last few days and conditions currently, seas 6-8 meters and winds at 45 knots with another system moving through over weekend. Weather conditions on site are preventing a ROV from being deployed to investigate the source. CNLOPB suggest may be Monday before able to deploy ROV due to weather and ECCC is working on mass balance and trajectory modelling for incident. Largest amount of oil reported to date on surface of the water by surveillance aircraft is 3 cubic meters. Surveillance of the site will continue.*

DISCLAIMER ***This Information is preliminary and subject to change. Further, the information given for some occurrences may not have been verified / validated by CCG. Therefore, caution should be used when using this information.*

Annibalini, Sara

From: Kahn, Zoe
Sent: Tuesday, November 20, 2018 11:19 AM
To: Chow, Vance; Jarjour, Jasmine; Hirani, Samia; Robinson, Connor
Cc: Turple, Justin; Belle-Isle, Alain; Hubley, Marian; McElhone, Kathryn; Lachapelle, Edith; Trudeau, Miriam; Smith, Fiona; Dunderdale, Sara; Whiffen, Sam; Saindon, Carole; Mayrand, Benoit; Jahn, Robin; Eatmon, Keegan; NCR Media RCN (DFO/MPO)
Subject: RE: FYI - media queries (2) - Global National & Le Radar - Searose oil field spill, NL

Thanks Vance!

Zoe Kahn
DMO/CSM
(613) 993-9226

From: Chow, Vance
Sent: Tuesday, November 20, 2018 10:52 AM
To: Kahn, Zoe <Zoe.Kahn@dfo-mpo.gc.ca>; Jarjour, Jasmine <Jasmine.Jarjour@dfo-mpo.gc.ca>; Hirani, Samia <Samia.Hirani@dfo-mpo.gc.ca>; Robinson, Connor <Connor.Robinson@dfo-mpo.gc.ca>
Cc: Turple, Justin <Justin.Turple@dfo-mpo.gc.ca>; Belle-Isle, Alain <Alain.Belle-Isle@dfo-mpo.gc.ca>; Hubley, Marian <Marian.Hubley@dfo-mpo.gc.ca>; McElhone, Kathryn <Kathryn.Mcelhone@dfo-mpo.gc.ca>; Lachapelle, Edith <Edith.Lachapelle@dfo-mpo.gc.ca>; Trudeau, Miriam <Miriam.Trudeau@dfo-mpo.gc.ca>; Smith, Fiona <Fiona.Smith@dfo-mpo.gc.ca>; Dunderdale, Sara <Sara.Dunderdale@dfo-mpo.gc.ca>; Whiffen, Sam <Sam.Whiffen@dfo-mpo.gc.ca>; Saindon, Carole <Carole.Saindon@dfo-mpo.gc.ca>; Mayrand, Benoit <Benoit.Mayrand@dfo-mpo.gc.ca>; Jahn, Robin <Robin.Jahn@dfo-mpo.gc.ca>; Eatmon, Keegan <Keegan.Eatmon@dfo-mpo.gc.ca>; NCR Media RCN (DFO/MPO) <Media.XNCR@dfo-mpo.gc.ca>
Subject: FYI - media queries (2) - Global National & Le Radar - Searose oil field spill, NL

Hi Zoe,

I'm not sure what discussions occurred on this file yesterday, but for the Husky oil SeaRose spill off the coast of Newfoundland, just wanted to make sure you're aware of the two additional media requests below, from Global National and *Le Radar*.

My understanding is that we're deferring to NRCan as the lead from a federal perspective.

The CNLOPB and province have been leading on media calls, and Husky put out a statement yesterday: http://www.huskyenergy.ca/news/release.asp?release_id=1654051. Our understanding is also that Husky may be putting out a spokes later today for an interview:



If any concerns please advise.

Thanks,
Vance

From: Chow, Vance

Sent: November-20-18 10:30 AM

To: Lubczuk, Jocelyn

Cc: Mitchell, Laura; Young, George; O'Grady, Samantha; Tran, Thi; Choeurng, Stephanie; Windsor, Victoria; O'Halloran, Mark; Kahn, Zoe; Jarjour, Jasmine; Hirani, Samia; Butcher, Ashley; Turple, Justin; Belle-Isle, Alain; Hubley, Marian; Trudeau, Miriam; McElhone, Kathryn; Smith, Fiona; Sloan, Glen; Mackenzie, Joey; Lebel, Mathieu; Bisailon, Annie; Olson, Kathleen; Lockhart, Tara; Saindon, Carole; Mayrand, Benoit; NCR Media RCN (DFO/MPO); Whiffen, Sam; Dunderdale, Sara; Morris, Christina; Ruddock, Stella D; Kirby, Heather L

Subject: FYI - media query - Global National - Searose oil field spill, NL

Hi Jocelyn,

Further to the email thread below and our phone conversation, one additional media request below in NL region – same response to be provided.

Global National

Can you tell me the extent of DFO/Coastguard involvement in the aftermath of the Husky Oil spill? Also, where might we find images of the spill, and/or response? We are working on a number of agencies, including Husky, for more information and images, but, thought I'd send you a note to inquire.

Vance

From: Chow, Vance

Sent: November-20-18 9:48 AM

To: Lubczuk, Jocelyn

Cc: Mitchell, Laura; Young, George; O'Grady, Samantha; Tran, Thi; Choeurng, Stephanie; Windsor, Victoria; O'Halloran, Mark; Kahn, Zoe; Jarjour, Jasmine; Hirani, Samia; Butcher, Ashley; Turple, Justin; Belle-Isle, Alain; Hubley, Marian; Trudeau, Miriam; McElhone, Kathryn; Smith, Fiona; Sloan, Glen; Mackenzie, Joey; Lebel, Mathieu; Bisailon, Annie; Olson, Kathleen; Lockhart, Tara; Saindon, Carole; Mayrand, Benoit; NCR Media RCN (DFO/MPO); Whiffen, Sam; Dunderdale,

Sara; Morris, Christina

Subject: FYI - media query - Le Radar - Searose oil field spill, NL

FYI Jocelyn,

A quick heads-up to let you know that we've received one additional query this morning regarding the SeaRose FPSO – from the Quebec-based French newspaper *Le Radar*.

We'll be sticking to our approved messaging from yesterday (lines currently being translated and will be provided via NL Region).

NRCan has been looped in as federal lead on this file.

Cheers,
Vance

- The Canada-Newfoundland and Labrador Offshore Petroleum Board is in contact with the Canadian Coast Guard, Natural Resources Canada and Environment and Climate Change Canada as Husky conducts an assessment and implements its response plan.
- The Canadian Coast Guard is not leading the response to this incident, but we are providing support to the Canada-Newfoundland and Labrador Offshore Petroleum Board as requested.
- The Canadian Coast Guard has participated in surveillance flights chartered by the Canada-Newfoundland and Labrador Offshore Petroleum Board along with Eastern Canada Response Corporation representatives to provide advice for the surveillance assessment.
- The Coast Guard has environmental response personnel and equipment that was recently upgraded under the Oceans Protection Plan standing by to help, if requested.

From: Lubczuk, Jocelyn

Sent: November-19-18 12:30 PM

To: Stanek, Frank

Cc: Des Rosiers, Marie-Pascale; Mitchell, Laura; Young, George; O'Grady, Samantha; Tran, Thi; Choeurng, Stephanie; Windsor, Victoria; O'Halloran, Mark; Kahn, Zoe; Jarjour, Jasmine; Hirani, Samia; Butcher, Ashley; Turple, Justin; Belle-Isle, Alain; Hubley, Marian; Trudeau, Miriam; McElhone, Kathryn; Smith, Fiona; Sloan, Glen; Mackenzie, Joey; Lebel, Mathieu; Bisailon, Annie; Olson, Kathleen; Lockhart, Tara; Saindon, Carole; Mayrand, Benoit; NCR Media RCN (DFO/MPO); Whiffen, Sam; Dunderdale, Sara; Morris, Christina

Subject: Re: Time-sensitive - for approval - interview request CBC-TV response media query - Searose oil field spill, NL

Approved media lines below :

The Canada-Newfoundland and Labrador Offshore Petroleum Board is in contact with the Canadian Coast Guard, Natural Resources Canada and Environment and Climate Change Canada as Husky conducts an assessment and implements its response plan.

- The Canadian Coast Guard is not leading the response to this incident, but we are providing support to the Canada-Newfoundland and Labrador Offshore Petroleum Board and all response partners
- The Canadian Coast Guard participated in a surveillance flight on Saturday morning along with Eastern Canada Response Corporation representatives to assess the situation.
- The Coast Guard has environmental response personnel and equipment that was recently upgraded under the Oceans Protection Plan standing by to help, if requested.

Jocelyn Lubczuk
Press Secretary

Fisheries, Oceans and the Canadian Coast Guard

Jocelyn.lubczuk@dfo-mpo.gc.ca

343 548 7863

On Nov 19, 2018, at 12:23 PM, Stanek, Frank <Frank.Stanek@dfo-mpo.gc.ca> wrote:

The Canada-Newfoundland and Labrador Offshore Petroleum Board is in contact with the Canadian Coast Guard, Natural Resources Canada and Environment and Climate Change Canada as Husky conducts an assessment and implements its response plan.

- The Canadian Coast Guard is not leading the response to this incident, but we are providing support to the Canada-Newfoundland and Labrador Offshore Petroleum Board and all response partners
- The Canadian Coast Guard participated in a surveillance flight on Saturday morning along with Eastern Canada Response Corporation representatives to assess the situation.
- The Coast Guard has environmental response personnel and equipment that was recently upgraded under the Oceans Protection Plan standing by to help, if requested.

Annibalini, Sara

From: Chow, Vance
Sent: Tuesday, November 20, 2018 11:36 AM
To: Lubczuk, Jocelyn
Cc: Mitchell, Laura; Young, George; O'Grady, Samantha; Tran, Thi; Choeurng, Stephanie; Windsor, Victoria; O'Halloran, Mark; Kahn, Zoe; Jarjour, Jasmine; Hirani, Samia; Butcher, Ashley; Turple, Justin; Belle-Isle, Alain; Hubley, Marian; Trudeau, Miriam; McElhone, Kathryn; Smith, Fiona; Sloan, Glen; Mackenzie, Joey; Lebel, Mathieu; Bisailon, Annie; Olson, Kathleen; Lockhart, Tara; Saindon, Carole; Mayrand, Benoit; NCR Media RCN (DFO/MPO); Whiffen, Sam; Dunderdale, Sara; Morris, Christina; Ruddock, Stella D; Kirby, Heather L
Subject: RE: FYI - media query - Global National - Searose oil field spill, NL

Yes, we're on it!

Chrs, V.

From: Lubczuk, Jocelyn
Sent: November-20-18 11:35 AM
To: Chow, Vance
Cc: Mitchell, Laura; Young, George; O'Grady, Samantha; Tran, Thi; Choeurng, Stephanie; Windsor, Victoria; O'Halloran, Mark; Kahn, Zoe; Jarjour, Jasmine; Hirani, Samia; Butcher, Ashley; Turple, Justin; Belle-Isle, Alain; Hubley, Marian; Trudeau, Miriam; McElhone, Kathryn; Smith, Fiona; Sloan, Glen; Mackenzie, Joey; Lebel, Mathieu; Bisailon, Annie; Olson, Kathleen; Lockhart, Tara; Saindon, Carole; Mayrand, Benoit; NCR Media RCN (DFO/MPO); Whiffen, Sam; Dunderdale, Sara; Morris, Christina; Ruddock, Stella D; Kirby, Heather L
Subject: RE: FYI - media query - Global National - Searose oil field spill, NL

Thanks! Can you please direct this to NRCan to take the lead on the response?
Thanks,

Jocelyn Lubczuk
Press Secretary
Fisheries, Oceans and the Canadian Coast Guard
Jocelyn.lubczuk@dfo-mpo.gc.ca
343 548 7863

From: Chow, Vance
Sent: Tuesday, November 20, 2018 10:30 AM
To: Lubczuk, Jocelyn <Jocelyn.Lubczuk@dfo-mpo.gc.ca>
Cc: Mitchell, Laura <Laura.Mitchell@dfo-mpo.gc.ca>; Young, George <George.Young@dfo-mpo.gc.ca>; O'Grady, Samantha <Samantha.O'grady@dfo-mpo.gc.ca>; Tran, Thi <Thi.Tran@dfo-mpo.gc.ca>; Choeurng, Stephanie <Stephanie.Choeurng@dfo-mpo.gc.ca>; Windsor, Victoria <Victoria.Windsor@dfo-mpo.gc.ca>; O'Halloran, Mark <Mark.O'Halloran@dfo-mpo.gc.ca>; Kahn, Zoe <Zoe.Kahn@dfo-mpo.gc.ca>; Jarjour, Jasmine <Jasmine.Jarjour@dfo-mpo.gc.ca>; Hirani, Samia <Samia.Hirani@dfo-mpo.gc.ca>; Butcher, Ashley <Ashley.Butcher@dfo-mpo.gc.ca>; Turple, Justin <Justin.Turple@dfo-mpo.gc.ca>; Belle-Isle, Alain <Alain.Belle-Isle@dfo-mpo.gc.ca>; Hubley, Marian <Marian.Hubley@dfo-mpo.gc.ca>; Trudeau, Miriam <Miriam.Trudeau@dfo-mpo.gc.ca>; McElhone, Kathryn <Kathryn.Mcelhone@dfo-mpo.gc.ca>; Smith, Fiona <Fiona.Smith@dfo-mpo.gc.ca>; Sloan, Glen <Glen.Sloan@dfo-mpo.gc.ca>; Mackenzie, Joey <Joey.Mackenzie@dfo-mpo.gc.ca>; Lebel, Mathieu <Mathieu.Lebel@dfo-mpo.gc.ca>; Bisailon, Annie <Annie.Bisailon@dfo-mpo.gc.ca>; Olson, Kathleen <Kathleen.Olson@dfo-mpo.gc.ca>; Lockhart, Tara <Tara.Lockhart@dfo-mpo.gc.ca>; Saindon, Carole <Carole.Saindon@dfo-mpo.gc.ca>; Mayrand, Benoit

<Benoit.Mayrand@dfo-mpo.gc.ca>; NCR Media RCN (DFO/MPO) <Media.XNCR@dfo-mpo.gc.ca>; Whiffen, Sam
<Sam.Whiffen@dfo-mpo.gc.ca>; Dunderdale, Sara <Sara.Dunderdale@dfo-mpo.gc.ca>; Morris, Christina
<Christina.Morris@dfo-mpo.gc.ca>; Ruddock, Stella D <Stella.Ruddock@dfo-mpo.gc.ca>; Kirby, Heather L
<Heather.Kirby@dfo-mpo.gc.ca>

Subject: FYI - media query - Global National - Searose oil field spill, NL

Hi Jocelyn,

Further to the email thread below and our phone conversation, one additional media request below in NL region – same response to be provided.

Global National

Can you tell me the extent of DFO/Coastguard involvement in the aftermath of the Husky Oil spill? Also, where might we find images of the spill, and/or response? We are working on a number of agencies, including Husky, for more information and images, but, thought I'd send you a note to inquire.

Vance

From: Chow, Vance

Sent: November-20-18 9:48 AM

To: Lubczuk, Jocelyn

Cc: Mitchell, Laura; Young, George; O'Grady, Samantha; Tran, Thi; Choeurng, Stephanie; Windsor, Victoria; O'Halloran, Mark; Kahn, Zoe; Jarjour, Jasmine; Hirani, Samia; Butcher, Ashley; Turple, Justin; Belle-Isle, Alain; Hubley, Marian; Trudeau, Miriam; McElhone, Kathryn; Smith, Fiona; Sloan, Glen; Mackenzie, Joey; Lebel, Mathieu; Bisailon, Annie; Olson, Kathleen; Lockhart, Tara; Saindon, Carole; Mayrand, Benoit; NCR Media RCN (DFO/MPO); Whiffen, Sam; Dunderdale, Sara; Morris, Christina

Subject: FYI - media query - Le Radar - Searose oil field spill, NL

FYI Jocelyn,

A quick heads-up to let you know that we've received one additional query this morning regarding the SeaRose FPSO – from the Quebec-based French newspaper *Le Radar*.

We'll be sticking to our approved messaging from yesterday (lines currently being translated and will be provided via NL Region).

NRCAN has been looped in as federal lead on this file.

Cheers,

Vance

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From: Lubczuk, Jocelyn

Sent: November-19-18 12:30 PM

To: Stanek, Frank

Cc: Des Rosiers, Marie-Pascale; Mitchell, Laura; Young, George; O'Grady, Samantha; Tran, Thi; Choeurng, Stephanie; Windsor, Victoria; O'Halloran, Mark; Kahn, Zoe; Jarjour, Jasmine; Hirani, Samia; Butcher, Ashley; Turple, Justin; Belle-Isle, Alain; Hubley, Marian; Trudeau, Miriam; McElhone, Kathryn; Smith, Fiona; Sloan, Glen; Mackenzie, Joey; Lebel, Mathieu; Bisaillon, Annie; Olson, Kathleen; Lockhart, Tara; Saindon, Carole; Mayrand, Benoit; NCR Media RCN (DFO/MPO); Whiffen, Sam; Dunderdale, Sara; Morris, Christina

Subject: Re: Time-sensitive - for approval - interview request CBC-TV response media query - Searose oil field spill, NL

Approved media lines below :

The Canada-Newfoundland and Labrador Offshore Petroleum Board is in contact with the Canadian Coast Guard, Natural Resources Canada and Environment and Climate Change Canada as Husky conducts an assessment and implements its response plan.

- The Canadian Coast Guard is not leading the response to this incident, but we are providing support to the Canada-Newfoundland and Labrador Offshore Petroleum Board and all response partners
- The Canadian Coast Guard participated in a surveillance flight on Saturday morning along with Eastern Canada Response Corporation representatives to assess the situation.
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Jocelyn Lubczuk

Press Secretary

Fisheries, Oceans and the Canadian Coast Guard

Jocelyn.lubczuk@dfo-mpo.gc.ca

[343 548 7863](tel:343-548-7863)

On Nov 19, 2018, at 12:23 PM, Stanek, Frank <Frank.Stanek@dfo-mpo.gc.ca> wrote:

The Canada-Newfoundland and Labrador Offshore Petroleum Board is in contact with the Canadian Coast Guard, Natural Resources Canada and Environment and Climate Change Canada as Husky conducts an assessment and implements its response plan.

- The Canadian Coast Guard is not leading the response to this incident, but we are providing support to the Canada-Newfoundland and Labrador Offshore Petroleum Board and all response partners
- The Canadian Coast Guard participated in a surveillance flight on Saturday morning along with Eastern Canada Response Corporation representatives to assess the situation.
- The Coast Guard has environmental response personnel and equipment that was recently upgraded under the Oceans Protection Plan standing by to help, if requested.

From: [Lefaire, Denis](#)
To: [Davidson, Fraser](#)
Subject: TR: Media Inquiry: White Rose oil spill and drift prediction
Date: Tuesday, November 20, 2018 5:03:07 PM

Bonjour Fraser,

Est-ce qu'on peut se coordonner avant de parler avec ECCC Guillaume Marcotte?
Si tu es encore au bureau, appelle-moi au 418-775-0568.

Denis

De : Duff, Jennifer L
Envoyé : 20 novembre 2018 15:09
À : krista.holland@canada.ca
Cc : Davidson, Fraser <Fraser.Davidson@dfo-mpo.gc.ca>; Lefaire, Denis <Denis.Lefaire@dfo-mpo.gc.ca>; Matheson, Kyle <Kyle.Matheson@dfo-mpo.gc.ca>; Pilgrim, Bret <Bret.Pilgrim@dfo-mpo.gc.ca>
Objet : Media Inquiry: White Rose oil spill and drift prediction

Hello,

Please see the media inquiry below requesting drift prediction of the oil spilled from the White Rose Project. As discussed, I understand that ECCC will take the lead in responding to this request.

However, two of our research scientists, Dr. Fraser Davidson and Denis Lefaire are able provide input and support to you in responding if necessary. I have cc'd them on this email for your convenience.

If you need anything else from me, please let me know.

Thanks,

Jen

Jen Rosa-Bian (Duff)
Communications Advisor (Science)
Fisheries and Oceans Canada/Government of Canada
jennifer.duff@dfo-mpo.gc.ca/Tel: 709-772-7633
Media Inquiries. Media.NL@dfo-mpo.gc.ca/Tel. 709-772-3375

Follow us on Twitter! @DFO_NL

From: Racine, Sylvie
Sent: November-20-18 4:29 PM
To: Duff, Jennifer L
Subject: RE: White Rose oil spill

Bonjour Jennifer,
Voilà!

Radio-Canada Gaspésie – Les îles, cell- Demande une entrevue
avec un spécialiste des courants marins qui pourrait expliquer si le déversement au large de Terre-Neuve
pourrait rentrer dans le golfe du Saint-Laurent.

ECCC is already is aware of this request.

Merci pour le suivi!

Sylvi

Sylvi.Racine@dfo-mpo.gc.ca

Direction régionale des communications

Téléphone / telephone 418-775-0744

Ligne médias / Medias line : 418-648-5474

From: Matheson, Kyle
To: Davidson, Fraser
Cc: Pilgrim, Bret
Subject: FW: Media Inquiry: White Rose oil spill and drift prediction
Date: Tuesday, November 20, 2018 4:43:32 PM

Hi Fraser,

And just as a quick follow-up to our conversation yesterday, I reached out to ECCC and they will provide me contacts to share with you re modelling (I will forward when I receive them). ECCC did practice using COSMOS on this incident behind the scenes, but they only used ESTS models for the official response.

Cheers, Kyle

From: Duff, Jennifer L
Sent: November-20-18 4:39 PM
To: krista.holland@canada.ca
Cc: Davidson, Fraser; Lefavre, Denis; Matheson, Kyle; Pilgrim, Bret
Subject: Media Inquiry: White Rose oil spill and drift prediction

Hello,

Please see the media inquiry below requesting drift prediction of the oil spilled from the White Rose Project. As discussed, I understand that ECCC will take the lead in responding to this request.

However, two of our research scientists, Dr. Fraser Davidson and Denis Lefavre are able provide input and support to you in responding if necessary. I have cc'd them on this email for your convenience.

If you need anything else from me, please let me know.

Thanks,

Jen

Jen Rosa-Bian (Duff)
Communications Advisor (Science)
Fisheries and Oceans Canada/Government of Canada
jennifer.duff@dfo-mpo.gc.ca/Tel: 709-772-7633
Media Inquiries: Media.NL@dfo-mpo.gc.ca/Tel: 709-772-3375

Follow us on Twitter! @DFO_NL

From: Racine, Sylvi
Sent: November-20-18 4:29 PM
To: Duff, Jennifer L
Subject: RE: White Rose oil spill

Bonjour Jennifer,
Voilà!

[REDACTED], Radio-Canada Gaspésie – Les îles, cell. [REDACTED] Demande une entrevue
avec un spécialiste des courants marins qui pourrait expliquer si le déversement au large de Terre-Neuve
pourrait rentrer dans le golfe du Saint-Laurent.

ECCC is already is aware of this request.

Merci pour le suivi!

Sylvi

Sylvi Racine@dfo-mpo.gc.ca
Direction régionale des communications
Téléphone / telephone 418-775-0744
Ligne médias / Medias line : 418-648-5474

Annibalini, Sara

From: Dunderdale, Sara
Sent: Tuesday, November 20, 2018 9:32 AM
To: Chow, Vance; Smith, Fiona; Plamondon, Michel; Trudeau, Miriam; Whiffen, Sam
Cc: Hubley, Marian; McElhone, Kathryn; Saindon, Carole; Stanek, Frank; Salem, Ann-Margaret; Duff, Jennifer L; Pittman, Erika; NCR Media RCN (DFO/MPO); Mayrand, Benoit; Eatmon, Keegan; Jahn, Robin
Subject: RE: Media query - Le Radar - Déversement Terre-Neuve

Hi Vance,

We can provide the lines we have – that said, we only have them in English. We will have to get them translated before sending them out so we will get on that now.

Sara

From: Chow, Vance
Sent: November-20-18 10:38 AM
To: Smith, Fiona; Plamondon, Michel; Trudeau, Miriam; Whiffen, Sam; Dunderdale, Sara
Cc: Hubley, Marian; McElhone, Kathryn; Saindon, Carole; Stanek, Frank; Salem, Ann-Margaret; Duff, Jennifer L; Pittman, Erika; NCR Media RCN (DFO/MPO); Mayrand, Benoit; Eatmon, Keegan; Jahn, Robin
Subject: RE: Media query - Le Radar - Déversement Terre-Neuve

Noted, thanks Fiona.

Sara/Sam – if I understand correctly, NL region responded to one or two requests directly yesterday. Would you also be able to follow up on the request below?

Thx, V.

From: Smith, Fiona
Sent: November-20-18 9:06 AM
To: Chow, Vance; Plamondon, Michel; Trudeau, Miriam; Whiffen, Sam
Cc: Hubley, Marian; McElhone, Kathryn; Saindon, Carole; Stanek, Frank; Salem, Ann-Margaret; Dunderdale, Sara; Duff, Jennifer L; Pittman, Erika; Dunderdale, Sara; Duff, Jennifer L; Pittman, Erika; NCR Media RCN (DFO/MPO); Mayrand, Benoit; Eatmon, Keegan; Jahn, Robin
Subject: Re: Media query - Le Radar - Déversement Terre-Neuve

Hi Vance - yes - we would defer to NRCan/CNLOPB/Husky, but our lines below still stand for our participation.
 F

Fiona Smith

From: Chow, Vance
Sent: Tuesday, November 20, 2018 9:02 AM
To: Plamondon, Michel; Trudeau, Miriam; Smith, Fiona; Whiffen, Sam
Cc: Hubley, Marian; McElhone, Kathryn; Saindon, Carole; Stanek, Frank; Salem, Ann-Margaret; Dunderdale, Sara; Duff, Jennifer L; Pittman, Erika; Dunderdale, Sara; Duff, Jennifer L; Pittman, Erika; NCR Media RCN (DFO/MPO); Mayrand,

Benoit; Eatmon, Keegan; Jahn, Robin

Subject: RE: Media query - Le Radar - Déversement Terre-Neuve

Merci Michel. FYI, the CNLOPB and province have been leading on media calls, and Husky put out a statement yesterday:
http://www.huskyenergy.ca/news/release.asp?release_id=1654051

From a federal perspective, NRCan is the lead.

Miriam/Fiona/Sam – for the media request below from *Le Radar*, would you know if we're sticking to the same lines we used yesterday? (*Below for reference*)

Thanks,
Vance

///

- The Canada-Newfoundland and Labrador Offshore Petroleum Board is in contact with the Canadian Coast Guard, Natural Resources Canada and Environment and Climate Change Canada as Husky conducts an assessment and implements its response plan.
- The Canadian Coast Guard is not leading the response to this incident, but we are providing support to the Canada-Newfoundland and Labrador Offshore Petroleum Board as requested.
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- The Coast Guard has environmental response personnel and equipment that was recently upgraded under the Oceans Protection Plan standing by to help, if requested.

From: Plamondon, Michel
Sent: November-20-18 8:52 AM
To: NCR Media RCN (DFO/MPO)
Cc: Chow, Vance; Saindon, Carole; Stanek, Frank
Subject: TR: Déversement Terre-Neuve

Bon matin,

Pour vous ou Terre-Neuve?
Merci de transmettre au besoin.
MP

From: [REDACTED]
Sent: Tuesday, November 20, 2018 8:43:03 AM (UTC-05:00) Eastern Time (US & Canada)
To: Media Relations Médias; QUE Media (DFO/MPO); Media (EC)
Subject: Déversement Terre-Neuve

Bonjour!

Quelles ont été les interventions faites jusqu'à maintenant de la part de vos ministères concernant le déversement d'hydrocarbures de la plateforme South white rose en mer près de Terre-Neuve?
Quelles leçons peut-on en tirer ou est-ce le moment de resserrer certaines règles de sécurité?
La plateforme est-elle à nouveau en fonction?
Quel a été l'impact sur l'environnement, la faune et la flore?
Qu'a-t-on pu retirer jusqu'à maintenant en litres de pétrole?
Jusqu'où les courants propagent le pétrole?

Merci de votre suivi.

[REDACTED]
110, Chemin Gros Cap,
C.P. 8183, Cap-aux-Meules,
Iles-de-la-Madeleine, Québec,
G4T 1R3

Téléphone : [REDACTED]

Cellulaire: [REDACTED]
[REDACTED]

www.leradar.qc.ca

Pensons à l'environnement - Est-ce vraiment utile d'imprimer ce courriel ?

Crann, Larry

From: Yard, David C
Sent: November-20-18 12:19 PM
To: Crann, Larry
Subject: Minister Request for update on Sea Rose Incident.

Importance: High

Larry,

I spoke with Brian LeBlanc and an update is required by 1300hrs.

Can you contact the Board and prepare a short bullet form update on the incident and include our role to date.

Thanks
David

David Yard
Superintendent Environmental Response
Surintendant Intervention Environnementale
CCG Atlantic/GCC Atlantique
(709) 772-6338
[REDACTED] blackberry
David.Yard@dfo-mpo.gc.ca

LeBlanc, Brian (Acting AC, Atlantic Region)

From: Miller, Anne
Sent: November 20, 2018 12:52 PM
To: LeBlanc, Brian (Executive Director, CCGC)
Subject: FW: Ministers Request for Sea Rose Update

FYI

Anne Miller

Regional Director, Incident Management, Atlantic Region | Directrice Régionale, Gestion des incidents, Région de l'Atlantique
Canadian Coast Guard | Garde côtière canadienne

CCG Atlantic Region, Dartmouth Office | GCC, Région de l'Atlantique, Bureau de Dartmouth
50 Discovery Drive | 50 chemin Discovery
PO Box 1000 | CP 1000
Dartmouth N S. | N.-É. B2Y 3Z8

Téléphone | Telephone : 902-426-9022
Cell | Cellulaire : [REDACTED]
Email | Courriel : Anne.Miller@dfo-mpo.gc.ca

From: Yard, David C
Sent: November-20-18 12:16 PM
To: Miller, Anne
Subject: RE: Ministers Request for Sea Rose Update

Hi Anne

Just informed that the morning flight has observed some sheens about 57 miles south of the WR field – no volume estimate available at this time. Board is conducting a second flight this afternoon to do an assessment and no data from flight as just taking off.

This new information and not in the update below from the Board but they do state flights today which is still ongoing.

David Yard
Superintendent Environmental Response
Surintendant Intervention Environnementale
CCG Atlantic/GCC Atlantique
(709) 772-6338
[REDACTED] blackberry
David.Yard@dfo-mpo.gc.ca

From: Yard, David C
Sent: November-20-18 12:33 PM
To: Miller, Anne
Subject: Ministers Request for Sea Rose Update
Importance: High

Hi Anne

Brian called and the Minister has requested an update on the Sea Rose incident.

Attached below is the latest information we have from the Board that is cleared for release.

s.24(1)

I also added the CCG role to date on the bottom of it.

Can you review and forward to Brian if in agreement.

Thanks
David

CCG Updates:

- The Board (C-NLOPB) has activated their MOU with the CCG to provide Resource Agency support as required.
- At request of the Board, CCG has provided a Senior Response Officer to the Board for their chartered surveillance flights.
- It is anticipated that additional CCG resources will be requested by the Board to provide operation advice on Response Plans as they are developed.

Mills, Becky

From: Miller, Anne
Sent: November-20-18 12:22 PM
To: Yard, David C
Subject: RE: Ministers Request for Sea Rose Update

Thanks and given the interest in this incident I'm wondering if we should inject an sitrep or alternate reporting process for this. Maybe if we stick with the 1800 hrs sitrep but have an internal update on key components that we can feed to Brian, Wade and Julie for use for briefing up as required. Thoughts?

Anne Miller

Regional Director, Incident Management, Atlantic Region | Directrice Régionale, Gestion des incidents, Région de l'Atlantique
Canadian Coast Guard | Garde côtière canadienne

CCG Atlantic Region, Dartmouth Office | GCC, Région de l'Atlantique, Bureau de Dartmouth
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Téléphone | Telephone : 902-426-9022
Cell | Cellulaire : [REDACTED]
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David Yard
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Surintendant Intervention Environnementale
CCG Atlantic/GCC Atlantique
(709) 772-6338
[REDACTED] blackberry
David.Yard@dfo-mpo.gc.ca

From: Yard, David C
Sent: November-20-18 12:33 PM
To: Miller, Anne
Subject: Ministers Request for Sea Rose Update
Importance: High

Hi Anne

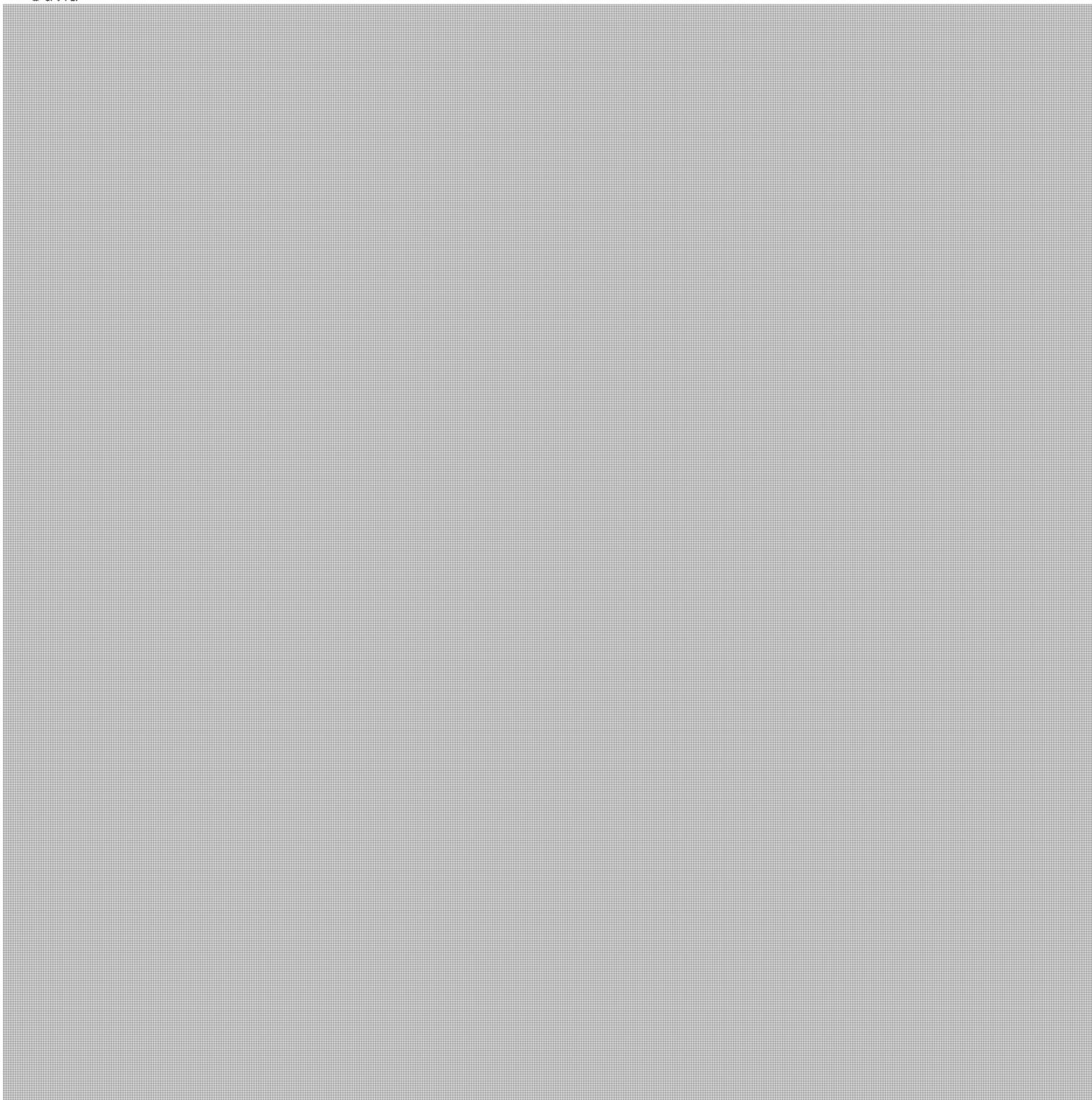
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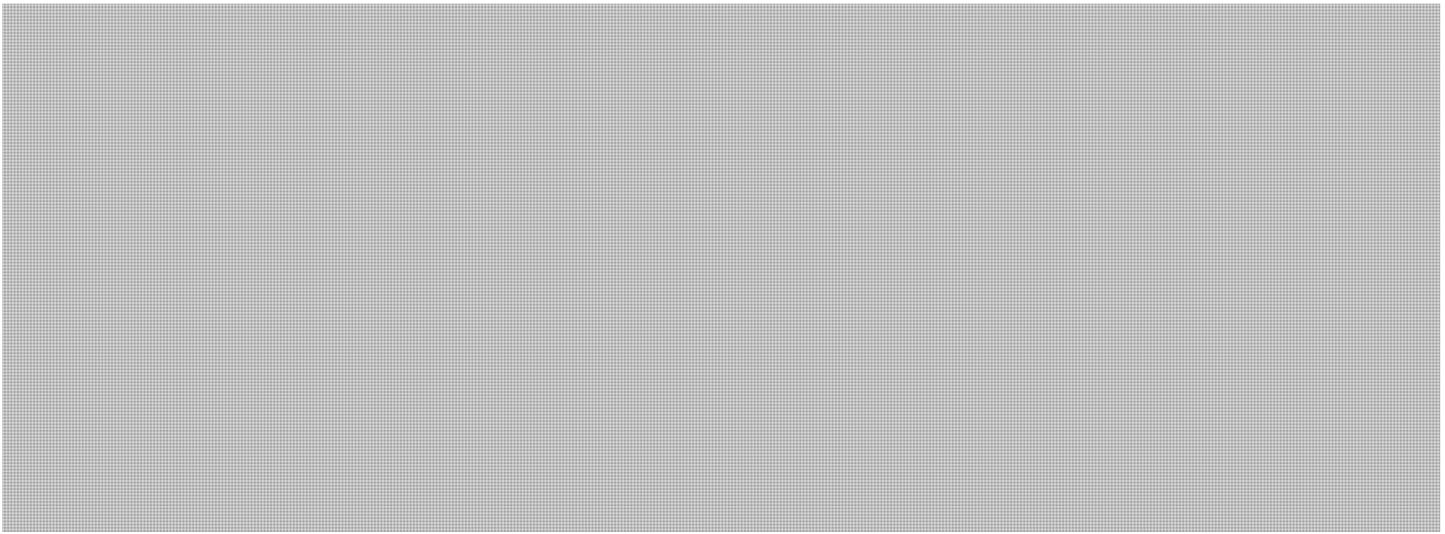
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Thanks
David



**CCG Updates:**

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Crann, Larry

From: Yard, David C
Sent: November-20-18 12:48 PM
To: Crann, Larry
Subject: FW: Ministers Request for Sea Rose Update

Importance: High

fyi

David Yard
Superintendent Environmental Response
Surintendant Intervention Environnementale
CCG Atlantic/GCC Atlantique
(709) 772-6338
[REDACTED] blackberry
David.Yard@dfo-mpo.gc.ca

From: Miller, Anne
Sent: November-20-18 12:45 PM
To: LeBlanc, Brian (Executive Director, CCGC)
Cc: Yard, David C
Subject: FW: Ministers Request for Sea Rose Update
Importance: High

As requested following is the most recent update from C-NLOPB on the Sea Rose incident.
I've reviewed and am good with it. Anticipate that with the activation of the CCG – CNLOPB MOU CC's involvement will increase.

Anne

Anne Miller

Regional Director, Incident Management, Atlantic Region | Directrice Régionale, Gestion des incidents, Région de l'Atlantique
Canadian Coast Guard | Garde côtière canadienne

CCG Atlantic Region, Dartmouth Office | GCC, Région de l'Atlantique, Bureau de Dartmouth
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Téléphone | Telephone : 902-426-9022
Cell | Cellulaire : [REDACTED]
Email | Courriel : Anne.Miller@dfo-mpo.gc.ca

From: Yard, David C
Sent: November-20-18 12:03 PM
To: Miller, Anne
Subject: Ministers Request for Sea Rose Update
Importance: High

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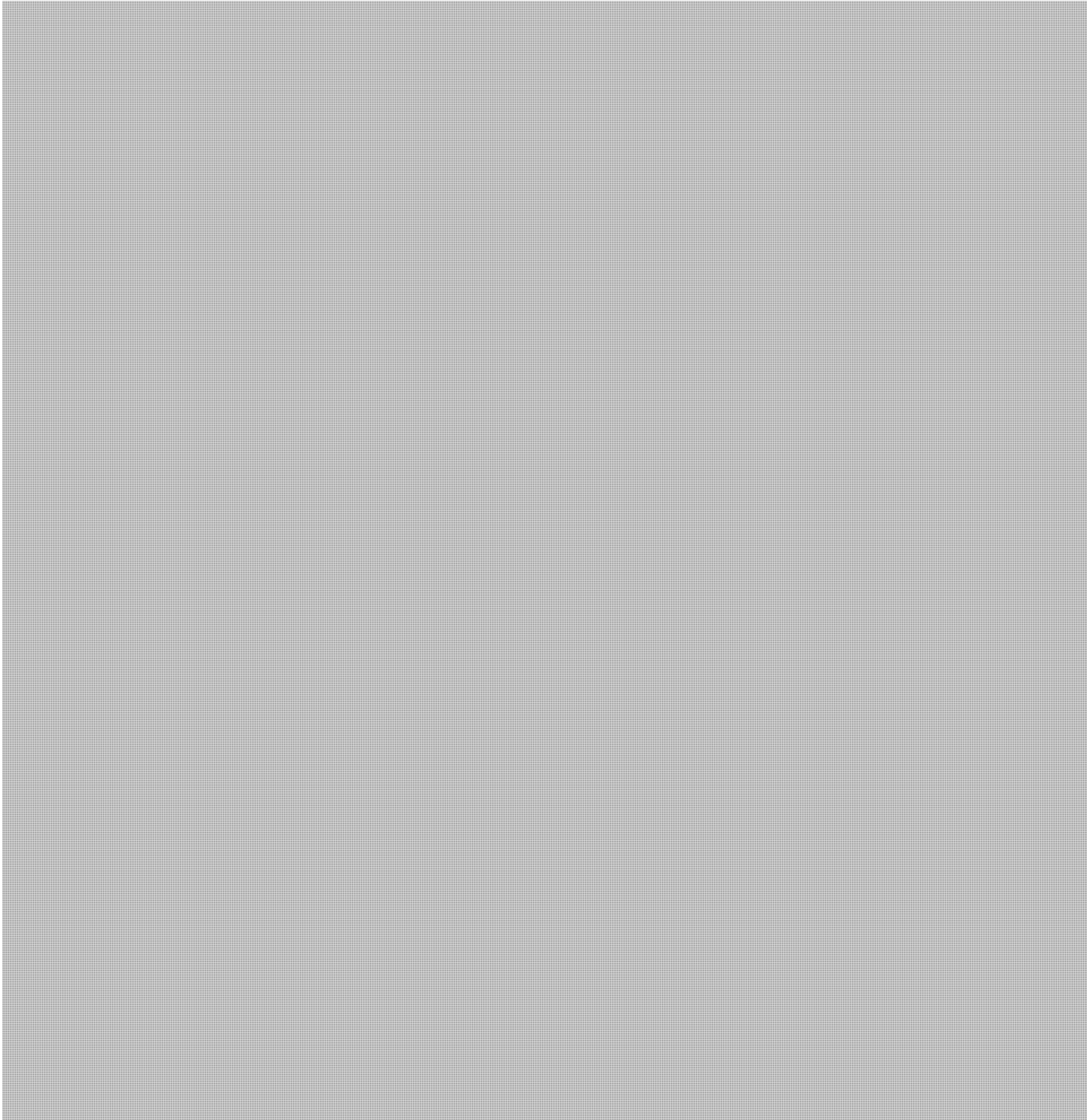
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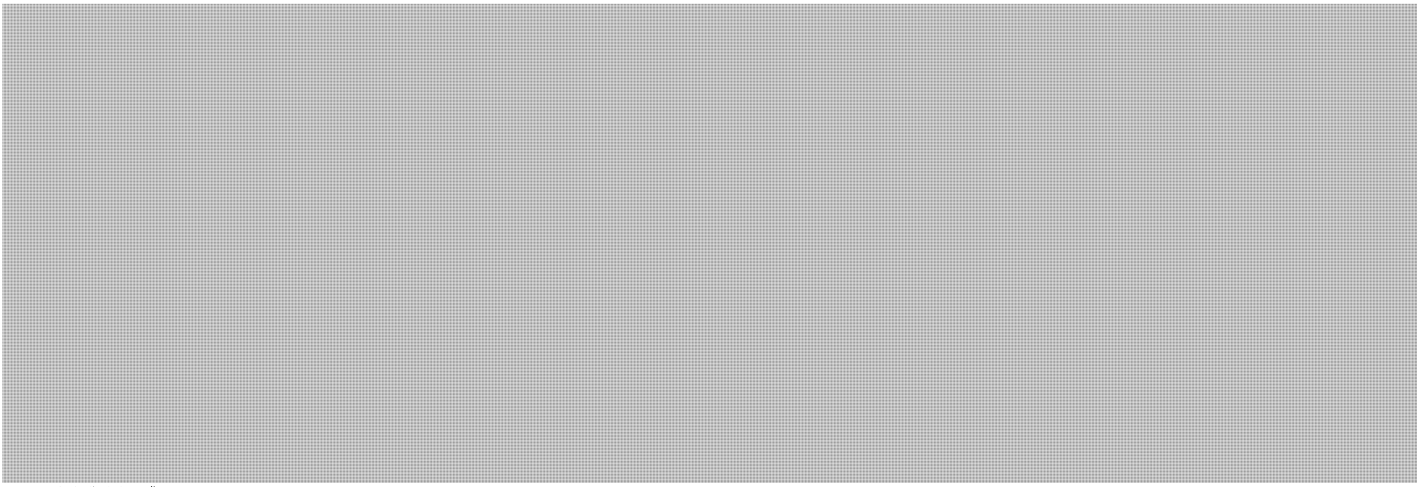
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Can you review and forward to Brian if in agreement.

Thanks

David



CCG Updates:

- The Board (C-NLOPB) has activated their MOU with the CCG to provide Resource Agency support as required.
- At request of the Board, CCG has provided a Senior Response Officer to the Board for their chartered surveillance flights.
- It is anticipated that additional CCG resources will be requested by the Board to provide operation advice on Response Plans as they are developed.

Annibalini, Sara

From: NCC / CCN (DFO/MPO)
Sent: Tuesday, November 20, 2018 6:06 PM
To: Amelin, Vasili; Atchison, Chris; Bisaillon, Annie; Brooks, Robert; Dugal, Jean-Luc; Dussault, Sheyla; Gascon, Julie; Harvey, Clifford; Haubert, Marie-Christine; Hill, Johanna; Hutchinson, Jeffery; Ivany, Gary; Lebel, Mathieu; Lipohar, Peter; Lockhart, Tara; Mackenzie, Joey; Main Ops Officer / Agent principal des Ops (DFO/MPO); Montreal Ops / Ops Montréal (DFO/MPO); Morelli, Carolyn; Morphet, Jason (NCR); Moss, Derek; NCC / CCN (DFO/MPO); Olson, Kathleen; Pelchat, Isabelle; Pelletier, Mario; Perry, Nigel; peter.lipohar@forces.gc.ca; Richardson, John; CCG ATL ROC / COR ATL GCC (DFO/MPO); ROC1 / COR1 (DFO/MPO); Ryan, Sam; Sanderson, Marc; Smith, Fiona; Tettamanti, Ryan; Trudeau, Miriam; Western ROC Superintendent \ Surintendant ROC Ouest (DFO/MPO); Wight, Robert; Wyse, David E
Subject: NCC Evening Operations Update November 20

Good evening,

Please find below an update following this morning's OPS brief. Information is valid as of 18:00 EST. The complete NCC OPS Written Brief for November 21 will be sent out Monday morning.

NEW – 1**SAR – CCGS SAMUEL RISLEY MEDEVAC – GEORGIAN BAY**

November 20, a medevac was conducted from the CCGS Samuel Risley. [REDACTED]

[REDACTED] Vessel subsequently transited to Parry Sound, ON to await replacement. Vessel is on limited operational status (daylight sailing only) until a replacement is found. Next crew change is November 28 which is when the vessel is expected to be fully staffed.

ONGOING – 3**ER – CCGS CORPORAL MCLAREN PARTIALLY SUBMERGED – SAMBRO, NS**

Recap: November 17, the CCGS Corporal McLaren was reported partially submerged in the water after slipping off the cradle during refit in Sambro, NS. Halifax Regional Police and RCMP are investigating the incident. The Incident Command Post (ICP) was stood up November 19. Sorbent boom has been placed around the vessel due to some light sheening.

Update: CCG ER has activated a Mobile Command Post (MCP) on site and has brought in additional personnel from the region. Contractor is on site and continuing to plug and patch any damages to the vessel. London Offshore Consultants (LOC) are engaged and providing 3rd party Special Casualty Representative services to CCG, they will review the salvage plan and advise CCG of any concerns with stability or implementation of the plan.

There has been no changes to the state of the Corporal McLaren since the last reporting period. A 1000ft of containment boom remains in place around the vessel. The boom has been lined with sorbent boom to collect any light sheen in the area. Sorbent boom has also been placed inside the vessel to collect any pollutants. Pumping of surface oil from the inside of the vessel is complete for today and will continue into tomorrow.

The vacuum truck departed site today with approximately 15 cubic meters of oily water. Sorbents were used to recover a small amount of oil in the bow thruster compartment and no oil was found in the emergency generator room.

ER – SEAROSE FPSO CRUDE OIL SPILL – OFFSHORE NL

Recap: November 16, the SEAROSE FPSO (Floating Production, Storage, and Offloading) reported losing approximately 250m³ of crude oil. CCG ER contacted CNLOPB (Canada-Newfoundland and Labrador Offshore Petroleum Board), the Lead Agency, who is working with the owner/operator, Husky Energy. Husky Energy has their Regional Response Management Team (RRMT) activated at their Response Centre in St. John's.

Update: No oil seen following a series of overflights November 20. CCG ER remains in close contact with C-NLOPB and ECCC and with Husky Energy and their Environmental Coordinator at Husky Energy's Response Centre. CCG ER and the RO ECRC representatives were aboard surveillance flight at 12:15hrs this afternoon. Husky Energy continues to stand up their response center in St. John's. Wildlife surveillance flight conducted this morning, observers from CWS and RO ECRC. CCG be placing ER officer in coordination centre for advice and guidance (petroleum board not huskey), currently not an incident.

ER – VESSEL SINKING AT WHARF , NL

Recap: November 6, 50ft pleasure craft Beverly Gae sank at the wharf in Cornerbrook, NL. CCG ER removed recoverable pollutants. CCG ER working with contractors develop a plan to tow vessel to deconstruction site to eliminate threat pollution.

Update: Vessel remains secured at the wharf in Summerside, NL. CCG ER crew remains on site monitoring the water ingress on the vessel. Approximately 400 gallons of water removed from vessel today. Quotes regarding towing arrangements are being assessed and forwarded for Urgent Contracting requirement.

CCG ASSETS – 2

1. **Sipu Muin (AtoN)** – Trois-Rivières, QC. RTS November 21. Damaged starboard propeller, caused by impact with generator hatch. November 20: Drive shaft, propeller, and all components reassembled. Impact: None. CCGS Mamilossa can be used for AtoN program.
 - a. 48 hour notice will be required for taskings due to lack of generator cover.
2. **Mamilossa (AtoN)** – Trois-Rivières, QC. RTS unknown. Broken propeller shaft. Repairs expected to be completed November 21.

Kimberly Green

Operations Officer | Agente des opérations

National Command Centre (NCC) | Centre de commandement national (CCN)

Maritime Security (MARSEC) | Sécurité maritime (MARSEC)

Canadian Coast Guard | Garde côtière canadienne

200 Kent Street, 7th floor E-310 | 200 rue Kent, 7ème étage E-310

Ottawa, Ontario, K1A 0E6

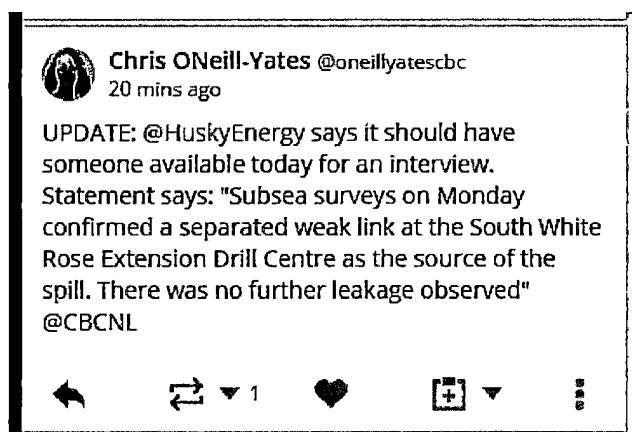
Tel: (613) 998-1497 Fax: (613) 991-9000

@: kimberly.green@dfo-mpo.gc.ca

Whiffen, Sam

From: Whiffen, Sam
Sent: November-20-18 11:46 AM
To: Chow, Vance; Smith, Fiona; Trudeau, Miriam
Cc: Dunderdale, Sara; Kirby, Heather L (Heather.Kirby@dfo-mpo.gc.ca); Ruddock, Stella D
Subject: FYI: NL Offshore oil spill

Another local reporter called us to ask about a seabird rehabilitation centre in St. John's and that 3 oiled seabirds are being sent there today. ECCC wildlife division may be involved, they're checking, and we hope to direct the reporter somewhere.



From: Chow, Vance
Sent: November-20-18 10:38 AM
To: Smith, Fiona; Plamondon, Michel; Trudeau, Miriam; Whiffen, Sam; Dunderdale, Sara
Cc: Hubley, Marian; McElhone, Kathryn; Saindon, Carole; Stanek, Frank; Salem, Ann-Margaret; Duff, Jennifer L; Pittman, Erika; NCR Media RCN (DFO/MPO); Mayrand, Benoit; Eatmon, Keegan; Jahn, Robin
Subject: RE: Media query - Le Radar - Déversement Terre-Neuve


Noted, thanks Fiona.

Sara/Sam – if I understand correctly, NL region responded to one or two requests directly yesterday. Would you also be able to follow up on the request below?

Thx, V.

From: Smith, Fiona
Sent: November-20-18 9:06 AM
To: Chow, Vance; Plamondon, Michel; Trudeau, Miriam; Whiffen, Sam
Cc: Hubley, Marian; McElhone, Kathryn; Saindon, Carole; Stanek, Frank; Salem, Ann-Margaret; Dunderdale, Sara; Duff, Jennifer L; Pittman, Erika; Dunderdale, Sara; Duff, Jennifer L; Pittman, Erika; NCR Media RCN (DFO/MPO); Mayrand, Benoit; Eatmon, Keegan; Jahn, Robin
Subject: Re: Media query - Le Radar - Déversement Terre-Neuve

Hi Vance - yes - we would defer to NRCan/CNLOPB/Husky, but our lines below still stand for our participation.
F

Fiona Smith


From: Chow, Vance

Sent: Tuesday, November 20, 2018 9:02 AM

To: Plamondon, Michel; Trudeau, Miriam; Smith, Fiona; Whiffen, Sam

Cc: Hubley, Marian; McElhone, Kathryn; Saindon, Carole; Stanek, Frank; Salem, Ann-Margaret; Dunderdale, Sara; Duff, Jennifer L; Pittman, Erika; Dunderdale, Sara; Duff, Jennifer L; Pittman, Erika; NCR Media RCN (DFO/MPO); Mayrand, Benoit; Eatmon, Keegan; Jahn, Robin

Subject: RE: Media query - Le Radar - Déversement Terre-Neuve

Merci Michel. FYI, the CNLOPB and province have been leading on media calls, and Husky put out a statement yesterday:

http://www.huskyenergy.ca/news/release.asp?release_id=1654051

From a federal perspective, NRCan is the lead.

Miriam/Fiona/Sam – for the media request below from *Le Radar*, would you know if we're sticking to the same lines we used yesterday? (*Below for reference*)

Thanks,
Vance

///

- The Canada-Newfoundland and Labrador Offshore Petroleum Board is in contact with the Canadian Coast Guard, Natural Resources Canada and Environment and Climate Change Canada as Husky conducts an assessment and implements its response plan.
- The Canadian Coast Guard is not leading the response to this incident, but we are providing support to the Canada-Newfoundland and Labrador Offshore Petroleum Board as requested.
- The Canadian Coast Guard has participated in surveillance flights chartered by the Canada-Newfoundland and Labrador Offshore Petroleum Board along with Eastern Canada Response Corporation representatives to provide advice for the surveillance assessment.
- The Coast Guard has environmental response personnel and equipment that was recently upgraded under the Oceans Protection Plan standing by to help, if requested.

From: Plamondon, Michel

Sent: November-20-18 8:52 AM

To: NCR Media RCN (DFO/MPO)

Cc: Chow, Vance; Saindon, Carole; Stanek, Frank

Subject: TR: Déversement Terre-Neuve

Bon matin,

Pour vous ou Terre-Neuve?

Merci de transmettre au besoin.

MP

From: [REDACTED]

Sent: Tuesday, November 20, 2018 8:43:03 AM (UTC-05:00) Eastern Time (US & Canada)

To: Media Relations Medias; QUE Media (DFO/MPO); Media (EC)

Subject: Déversement Terre-Neuve

Bonjour!

Quelles ont été les interventions faites jusqu'à maintenant de la part de vos ministères concernant le déversement d'hydrocarbures de la plateforme South white rose en mer près de Terre-Neuve?

Quelles leçons peut-on en tirer ou est-ce le moment de resserrer certaines règles de sécurité?

La plateforme est-elle à nouveau en fonction?

Quel a été l'impact sur l'environnement, la faune et la flore?

Qu'a-t-on pu retirer jusqu'à maintenant en litres de pétrole?

Jusqu'où les courants propagent le pétrole?

Merci de votre suivi.

[REDACTED]
110, Chemin Gros Cap,
C.P. 8183, Cap-aux-Meules,
Iles-de-la-Madeleine, Québec,
G4T 1R3

Téléphone : [REDACTED]

Cellulaire: [REDACTED]

[REDACTED]
www.leradar.qc.ca

Pensons à l'environnement - Est-ce vraiment utile d'imprimer ce courriel ?

Crann, Larry

From: Yard, David C
Sent: November-20-18 11:58 AM
To: Whiffen, Sam; Miller, Anne; Crann, Larry
Cc: Dunderdale, Sara; Crann, Larry
Subject: RE: NL Offshore oil spill

The media inquiry on wildlife bird issues is to be sent to the Board.

ECCC also advised me that the bird rehab center is in a secret undisclosed location and not to be released.

Thx

David Yard
Superintendent Environmental Response
Surintendant Intervention Environnementale
CCG Atlantic/GCC Atlantique
(709) 772-6338
[REDACTED] blackberry
David.Yard@dfo-mpo.gc.ca

From: Whiffen, Sam
Sent: November-20-18 11:51 AM
To: Miller, Anne; Yard, David C; Crann, Larry
Cc: Dunderdale, Sara
Subject: FYI: NL Offshore oil spill

[REDACTED] Another local reporter called us to ask about a seabird rehabilitation centre in St. John's and that 3 oiled seabirds are being sent there today. ECCC wildlife division may be involved, they're checking, and we hope to direct the reporter somewhere.



Chris O'Neill-Yates @oneillyatescbc
20 mins ago

UPDATE: @HuskyEnergy says it should have someone available today for an interview. Statement says: "Subsea surveys on Monday confirmed a separated weak link at the South White Rose Extension Drill Centre as the source of the spill. There was no further leakage observed" @CBCNL





Kelly-Anne Roberts

@KellyAnneNTV

Follow



UPDATE | Here is the latest update from @HuskyEnergy to @NTVNewsNL regarding the weekend's spill. No further leakage has been observed. 11 oiled seabirds have been reported, 3 have been recovered. #nlpoli

Subsea surveys on Monday confirmed a separated weak link at the South White Rose Extension Drill Centre as the source of the spill. No further leakage observed.

We are continuing to do ROV surveys along the full network of subsea flowlines to verify system integrity. This work is integral to C-NLOPB confidence that it will be safe to operate in the future. We are committed to taking the time required to conduct a thorough investigation.

There were no sheens observed during aerial and on water surveillance yesterday. Today's aerial surveillance flight is underway.

To the end of the day Monday, November 19, 11 oiled seabirds have been reported; three have been recovered and will be transferred to a seabird rehabilitation centre in St. John's. Husky has trained volunteers who will be helping support the veterinarian in charge.

We continue to work closely with the Canadian Wildlife Service, Environment and Climate Change Canada and the Department of Fisheries and Oceans to identify and execute search grids. Vessels sailing to the field are carrying additional wildlife observers provided through ECRC to provide dedicated wildlife observations.

Husky continues to have its Regional Response Management Team activated to support the incident response and have started an investigation. The investigation will determine how the incident happened and identify measures to prevent a recurrence. In the processes and procedures Husky used in its decision to restart production after the storm on Friday, the investigation will determine if the failed weak link operated as designed, released at conditions lower than design, or was impacted by weather.

Husky plans to share its learnings with other operators to help improve overall safety in the offshore area. We will also cooperate with C-NLOPB's investigation.

Kelly, Jason

From: Kelly, Jason
Sent: November-20-18 2:40 PM
To: Pilgrim, Bret
Subject: RE: note

Ok thanks. Let me know when you spoken to Graham Thomas.. just to check in with him

jason

From: Pilgrim, Bret
Sent: November-20-18 2:37 PM
To: Kelly, Jason
Subject: RE: note

See brief bullets on this morning call below....still waiting to hear back from Kyle

From: Kelly, Jason
Sent: November-20-18 2:08 PM
To: Pilgrim, Bret
Subject: note

Can you add a few bullets ion the Husky call to the bottom of this message...

As you are already aware, on Fri, Nov 16th DFO (FPP) received notifications of the Husky Oil spill incident from the National Environmental Emergencies Centre (NEEC). The current estimate of product lost is 250m3 (250,000L) of crude oil.

The C-NLOPB is the Lead Responding Agency for spills related to offshore exploration and production facilities with their area of jurisdiction. The C-NLOPB may request the NECC to call a "Science Table" of federal authorities to assist in the provision of advice and information to assist in the response.

Should a "Science Table" be called DFO will convene our internal Environmental Incidents Team, lead by the FPP and guided by the "Newfoundland and Labrador Environmental Incident (NLEI)Team Notification Procedures". The team includes a representative from all sectors to provide expert advice on areas such as fisheries, marine mammals, sensitive species and habitats. A single coordinated DFO response is developed and forwarded to NEEC.

To date, a Science table has not yet been called by NEEC, but we are actively communicating with the NEEC should the need arise.

The FPP will continue to participate on daily incident update calls lead by Husky Energy. The inaugural call was on Tuesday Nov 20th at 1100am – details of the meeting are as follows:

- Participants include Husky, the CNLOPB, ECCC (NEEC, CWS), DFO (EM, Science)
- Husky provided a recap of Nov. 19 surveying activities and discussed wildlife observations which include marine mammals, turtles. Vessel and aerial surveys are ongoing.
- Discussed survey plan for Nov.20 and outlined how surveys will be conducted. Document outlining survey plan to be forward to all participants.

- Discussed how oiled birds will be handle and rehabilitated.

Jason Kelly

A/ Manager – Regulatory Review

Fisheries Protection Program, Ecosystems Management Branch

Fisheries and Oceans Canada, Government of Canada

P.O. Box 5667, St. John's, NL A1C 5X1

Ph: (709) 772-4126

Email: jason.kelly@dfo-mpo.gc.ca

Kelly, Jason

From: Kelly, Jason
Sent: November-20-18 3:29 PM
To: Edison, Margo
Subject: RE: Call for ADM Bilat Items for Discussion

Ray suggested that, when we met early last week or late the week before. He also wanted to send to his counterpart in the Maritimes.

Jason

From: Edison, Margo
Sent: November-20-18 3:18 PM
To: Kelly, Jason
Subject: RE: Call for ADM Bilat Items for Discussion

Jason,

[REDACTED] How it was we came to doing up that BN to the DM? Who requested that we prepare one?

Could you clarify for me?

Thanks

Margo

From: Kelly, Jason
Sent: Tuesday, November 20, 2018 1:03 PM
To: Pike, Kelly J <Kelly.Pike@dfo-mpo.gc.ca>; Edison, Margo <Margo.Edison@dfo-mpo.gc.ca>
Subject: Re: Call for ADM Bilat Items for Discussion

Ok... just as an FYI a BN to the DM on the Regional Committee is in the system.. Jackies bilat would have been a good opportunity to give a heads up on it.

Jas

Sent from my BlackBerry 10 smartphone on the Bell network.

From: Pike, Kelly J
Sent: Tuesday, November 20, 2018 12:29 PM
To: Kelly, Jason; Edison, Margo
Subject: RE: Call for ADM Bilat Items for Discussion

Jas/Margo, we've learned today that the focus for the bilat will be more on Oceans related files. Ray has suggested removing this item from the update at this time.

An update on husky oil spill will be Incl.

Kelly

From: Kelly, Jason
Sent: Monday, November 19, 2018 10:07 AM
To: Pike, Kelly J <Kelly.Pike@dfo-mpo.gc.ca>
Cc: Edison, Margo <Margo.Edison@dfo-mpo.gc.ca>
Subject: RE: Call for ADM Bilat Items for Discussion

Kelly, see below. To be included in items for discussion.

Regional Committee related to Oil and Gas Activities in the Newfoundland and Labrador Offshore Area

- In order to enhance our coordination of DFO advice and understanding into initiatives (e.g. environmental assessments, science programs, environmental response,) which have the potential to interact with oil and gas activities, the Newfoundland and Labrador Region has formed the "Regional Committee related to Oil and Gas Activities in the Newfoundland and Labrador Offshore Area."
- The committee will support our core responsibilities for the protection of fisheries and the aquatic environment.
- The purpose of the committee is to create a forum to:
 - Share information among regional DFO personnel;
 - Co-ordinate DFO input into departmental responses to other authorities; and
 - Identify and address emerging issues related to oil and gas interaction with fisheries and the aquatic environment.
- The committee is chaired by the Fisheries Protection Program and includes representatives from various sectors who have responsibilities or who are involved in initiatives that may interact with oil and gas activities
- The committee does not displace the working relationships, processes or protocols already in place between various sectors, other government departments and regulators, Indigenous groups or stakeholders.
- The committee will also assist to ensure the department is prepared for the growth expected in the oil and gas sector in the coming years as outlined in the province's long-term vision for the oil and gas industry, "A Plan for Growth in the Newfoundland and Labrador Oil and Gas Industry".
- A Briefing Note, for information purposes, is being prepared for the Deputy Minister to inform her of this regional initiative.

From: Pike, Kelly J
Sent: November-19-18 9:44 AM
To: Johnson, Roger; Snow, Stephen; Warren, Tonya; Powell, Shawna; Kelly, Jason; Sullivan, Katrina
Cc: Edison, Margo; Bieger, Tilman; Finn, Ray
Subject: FW: Call for ADM Bilat Items for Discussion
Importance: High

Please provide for discussion any item you wish to incl. for RDG/ADM Bilat.

For your reference, attaching input provide for last bilat on Oct. 2

Due to me before Noon, Tuesday Nov. 20

Kelly

From: Butler, Annette

Sent: Monday, November 19, 2018 9:16 AM

To: McCallum, Barry <Barry.McCallum@dfo-mpo.gc.ca>; Lambert, Robert <Robert.Lambert@dfo-mpo.gc.ca>; Finn, Ray <Ray.Finn@dfo-mpo.gc.ca>

Cc: Keough, Brittany <Brittany.Keough@dfo-mpo.gc.ca>; Loveless, Lynn <Lynn.Loveless@dfo-mpo.gc.ca>; Pike, Kelly J <Kelly.Pike@dfo-mpo.gc.ca>; Neary, Lynn <Lynn.Neary@dfo-mpo.gc.ca>

Subject: Call for ADM Bilat Items for Discussion

Importance: High

Good morning,

Can you please provide me with items for discussion with a brief summary, for the RDG's upcoming ADM bilats.

DUE: Tuesday, November 20, 2018 - COB

Thank you,

Annette Butler

Executive Assistant to the Regional Director General

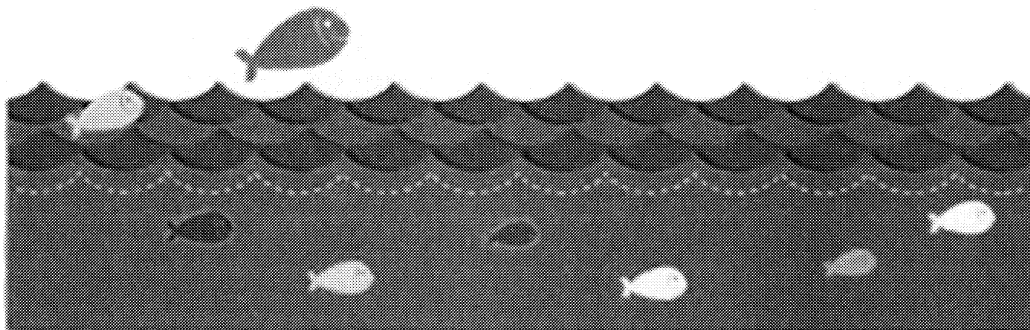
Fisheries and Oceans

Newfoundland and Labrador Region

Telephone: 709-772-4599

Cell: [REDACTED]

Email: Annette.Butler@dfo-mpo.gc.ca



Richards, Dale E

De: McCallum, Barry
Envoyé: November-20-18 4:39 PM
À: Osborne, Derek; Bartlett, Jason; Davis, Ben; Duggan, Charmaine; Healey, Brian; Mansour, Atef A H; Parsons, Dawn; Richards, Dale E; Sheppard, George
Objet: FW: Regional Committee on Oil and Gas - Husky Spill

fyi

From: Mansour, Atef A H
Sent: Tuesday, November 20, 2018 4:29 PM
To: McCallum, Barry <Barry.McCallum@dfo-mpo.gc.ca>
Subject: FW: Regional Committee on Oil and Gas - Husky Spill

Hi Barry,
FYI,
Atef

Dr. Atef A.H. Mansour

Division Manager, Environmental Sciences Division
Newfoundland and Labrador Region
Fisheries and Oceans Canada / Government of Canada
atef.mansour@dfo-mpo.gc.ca / Tel: 709-772-4133

Gestionnaire de division, Division des sciences environnementales
La Région de Terre-Neuve-et-Labrador
Pêches et Océans Canada / Gouvernement du Canada
atef.mansour@dfo-mpo.gc.ca / Tél. : 709-772-4133



Canada

From: Kelly, Jason
Sent: November-20-18 4:24 PM
To: Sooley, Darrin; McGrath, Joe; Lubar, John; Glavine, Paul; Ball, Dave; Firmage-O'Brien, Kelly J; Clarke, Keith; Mansour, Atef A H; Powell, Shawna; Fagan, Robert
Cc: Edison, Margo
Subject: Regional Committee on Oil and Gas - Husky Spill

Hello all, as an FYI only and to keep you in the loop, see email sent to our regional environmental incidents team.

Any questions please contact me

Jason

Jason Kelly

A/ Manager – Regulatory Review
Fisheries Protection Program, Ecosystems Management Branch
Fisheries and Oceans Canada, Government of Canada
P.O. Box 5667, St. John's, NL A1C 5X1
Ph: (709) 772-4126
Email: jason.kelly@dfo-mpo.gc.ca

From: Pilgrim, Bret

Sent: November-20-18 4:10 PM

To: Roberge, Michelle; Matheson, Kyle; Clarke, Keith; Norman, Leslie; Bungay, Kerry; Walsh, Jerry; McGrath, Joe; Knight, Jessie; Marshall, Glen; Dawe, Mary; Dunderdale, Sara; Whiffen, Sam

Cc: Kelly, Jason

Subject: DFO-NLEI Team: Searose Oil Release Friday Nov. 16.

Good afternoon NLEI Team,

As I'm sure most of you heard already, there was an oil release incident from the Searose (Husky) on Friday, Nov. 16. This email is to provide you with a brief overview/update on this incident.

1. DFO received a notification from the National Environmental Emergencies Centre (NEEC) at 1600 Friday, Nov. 16. **Note:** DFO receives NEEC notifications for all reported oil spills.
 - a. Husky identified issues with pressurization on flow line. At the time there was an oil slick of about 1 mile long.
2. Media sources and the CNLOPB reported approximately 250 cubic meters of product. The decision was made to use the worst case scenario for release volume until the incident has been fully investigated and a determined volume calculated. However, a true volume has yet to be confirmed.
3. Preliminary information on the spill indicates that it was likely a batch spill and not a continuous leak from the infrastructure. Husky are in the process of dispatching an ROV to take a look at the infrastructure, but have had delays due to high sea states and bad weather.
4. The high sea states are playing a role in the dispersion of the oil. Approximately 3000 L was observed on the sea surface on Day 1, which has decreased daily, and only small patches were reported today (we receive updates daily)
5. Ongoing vessel and aerial surveys are being conducted to locate oil and to carry out wildlife surveys for birds, marine mammals, sea turtles....
6. To date, a Science table has not been called by NEEC, but we are actively communicating with other regulators should the need arise.
 - a. Should a "Science Table" be called DFO will convene our internal Environmental Incidents Team, lead by the FPP and guided by the "Newfoundland and Labrador Environmental Incident (NLEI)Team Notification Procedures".
7. EM and Science are actively participating in daily updates, and will continue to keep you updated should relevant information become available.

Please let me know if you have any questions.

Bret

Bret Pilgrim

A/Sr Biologist – Mining Regulatory Review

Fisheries Protection Program | Programme de protection des pêches
Ecosystems Management | Gestion des écosystèmes
Fisheries and Oceans Canada | Pêches et Océans Canada
Northwest Atlantic Fisheries Centre |
Centre des Pêches de l'Atlantique Nord-Ouest
80 East White Hills Road | 80, route White Hills est
PO Box 5667 | CP 5667
St. John's NL A1C 5X1 Canada
Tel. 709-772-6562

From: Kelly, Jason

Sent: November-14-18 10:14 AM

To: Sooley, Darrin; McGrath, Joe; Lubar, John; Glavine, Paul; Ball, Dave; Firmage-O'Brien, Kelly J; Clarke, Keith; Mansour, Atef A H; Powell, Shawna; Fagan, Robert

Cc: Edison, Margo; Warren, Tonya; Griffiths, Helen

Subject: RE: Meeting - Regional Committee on Oil and Gas

See attached, yesterday's presentation from the Agency. This is for internal discussion only. Please do not share outside of the Dept.

Jason

<< File: SBonnell - Regional EA for DFO - Nov 13 2018.pdf >>

-----Original Appointment-----

From: Kelly, Jason

Sent: October-29-18 3:20 PM

To: Kelly, Jason; Sooley, Darrin; McGrath, Joe; Lubar, John; Glavine, Paul; Ball, Dave; Firmage-O'Brien, Kelly J; Clarke, Keith; Mansour, Atef A H; Powell, Shawna

Cc: Edison, Margo; Warren, Tonya; Griffiths, Helen

Subject: Meeting - Regional Committee on Oil and Gas

When: November-13-18 2:00 PM-4:00 PM (UTC-03:30) Newfoundland.

Where: DFO CONF St.Johns-80EastWhiteHillsRd-2-L14-200 CONF MPO

Location – Ecosystem Management Large Board Room (L14-200)

Teleconference Info

Conference ID [REDACTED]

Local Dial-in number 613-960-7510

Toll-free Dial-in number 1 877-413-4781

Hello all

The "Terms of Reference" for the committee should be forwarded to your RDs (for comment/approval) in the coming days.

I doubt we will have responses back by our initial meeting next week, but I suggest we proceed. We will review the TOR and other items at a follow-up meeting

I have invited the Canadian Environmental Assessment Agency to present on the first ever regional assessment being conducted under CEAA 2012.

The "Regional Assessment of Offshore Oil and Gas Exploratory Drilling East of Newfoundland and Labrador" is being led by CEA Agency, along with the Canada-Newfoundland and Labrador Offshore Petroleum Board (C-NLOPB), Natural Resources Canada and the Department of Natural Resources for Newfoundland and Labrador,

The assessment will focus on the effects of existing and anticipated offshore oil and gas exploratory drilling in the offshore area east of Newfoundland and Labrador. The Regional Assessment aims to improve the efficiency of the environmental assessment process as it applies to oil and gas exploration drilling, while at the same time ensuring the highest standards of environmental protection continue to be applied and maintained.

DFO will play an important role in provide information and advice to the Agency during the development of the assessment.

If you have any questions please feel free to contact me

Jason

Jason Kelly

A/ Manager – Regulatory Review
Fisheries Protection Program, Ecosystems Management Branch
Fisheries and Oceans Canada, Government of Canada
P.O. Box 5667, St. John's, NL A1C 5X1
Ph: (709) 772-4126
Email: jason.kelly@dfo-mpo.gc.ca

LeBlanc, Brian (Acting AC, Atlantic Region)

From: LeBlanc, Brian (Executive Director, CCGC)
Sent: November 20, 2018 12:03 PM
To: Lebel, Mathieu
Cc: Spurrell, Wade
Subject: RE: Sea Rose

On it!


Brian

From: Lebel, Mathieu
Sent: Tuesday, November 20, 2018 12:02 PM
To: LeBlanc, Brian (Executive Director, CCGC) <Brian.Lebanc@dfo-mpo.gc.ca>
Cc: Spurrell, Wade <Wade.Spurrell@DFO-MPO.GC.CA>
Subject: Sea Rose

Hi Brian,

 MINO is asking for info, do we know when the latest update on the platform will be sent?

Thanks!

Mathieu Lebel
Senior Advisor to the Deputy Commissioner, Operations
Conseiller Principal au Sous-commissaire, Opérations
Canadian Coast Guard | Garde côtière canadienne
613-993-8198 (office), Cell 

LeBlanc, Brian (Acting AC, Atlantic Region)

From: LeBlanc, Brian (Executive Director, CCGC)
Sent: November 20, 2018 12:13 PM
To: Lebel, Mathieu
Cc: Spurrell, Wade
Subject: RE: Sea Rose

Aside from yesterday's 18:00 sitrep, the next one is not due until this evening. However, a few things have changed and an update is warranted. We are contacting the Ops Centre for the CNLOPB and will provide the latest in about 30-45 minutes!

I hope this will not be too late? Things will be quicker when we have Officers in their Centre.

Brian

From: Lebel, Mathieu
Sent: Tuesday, November 20, 2018 12:02 PM
To: LeBlanc, Brian (Executive Director, CCGC) <Brian.LebLANC@dfo-mpo.gc.ca>
Cc: Spurrell, Wade <Wade.Spurrell@DFO-MPO.GC.CA>
Subject: Sea Rose

Hi Brian,

[REDACTED] MINO is asking for info, do we know when the latest update on the platform will be sent?

Thanks!

Mathieu Lebel

Senior Advisor to the Deputy Commissioner, Operations
Conseiller Principal au Sous-commissaire, Opérations
Canadian Coast Guard | Garde côtière canadienne
613-993-8198 (office), Cell: [REDACTED]

LeBlanc, Brian (Acting AC, Atlantic Region)

From: LeBlanc, Brian (Executive Director, CCGC)
Sent: November 20, 2018 1:09 PM
To: Lebel, Mathieu
Cc: Spurrell, Wade
Subject: RE: Sea Rose

Sorry, came to us from the Board but they got it from Husky.

From: LeBlanc, Brian (Executive Director, CCGC)
Sent: Tuesday, November 20, 2018 1:06 PM
To: Lebel, Mathieu <Mathieu.Lebel@dfo-mpo.gc.ca>
Cc: Spurrell, Wade <Wade.Spurrell@DFO-MPO.GC.CA>
Subject: RE: Sea Rose

The Board.

Brian

From: Lebel, Mathieu
Sent: Tuesday, November 20, 2018 1:04 PM
To: LeBlanc, Brian (Executive Director, CCGC) <Brian.Lebanc@dfo-mpo.gc.ca>
Cc: Spurrell, Wade <Wade.Spurrell@DFO-MPO.GC.CA>
Subject: RE: Sea Rose

Thanks Brian, could you confirm who drafted the update below? Husky or the board?

De : LeBlanc, Brian (Executive Director, CCGC)
Envoyé : 20 novembre 2018 11:25
À : Lebel, Mathieu <Mathieu.Lebel@dfo-mpo.gc.ca>
Cc : Spurrell, Wade <Wade.Spurrell@DFO-MPO.GC.CA>
Objet : RE: Sea Rose
Importance : Haute

As requested, our involvement will increase with the activation of the MOU. CCG was just informed that the morning flight has observed some sheens about 57 miles south of the WR field – no volume estimate available at this time. Board is conducting a second flight this afternoon to do an assessment and no data from flight as it is just taking off.

CCG Update is at the end.

Brian



Page 585

**is withheld pursuant to section
est retenue en vertu de l'article**

24(1)

**of the Access to Information Act
de la Loi sur l'accès à l'information**

CCG Updates:

- The Board (C-NLOPB) has activated their MOU with the CCG to provide Resource Agency support as required.
- At request of the Board, CCG has provided a Senior Response Officer to the Board for their chartered surveillance flights.
- It is anticipated that additional CCG resources will be requested by the Board to provide operation advice on Response Plans as they are developed.

From: Lebel, Mathieu

Sent: Tuesday, November 20, 2018 12:02 PM

To: LeBlanc, Brian (Executive Director, CCGC) <Brian.LebLANC@dfo-mpo.gc.ca>

Cc: Spurrell, Wade <Wade.Spurrell@DFO-MPO.GC.CA>

Subject: Sea Rose

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Senior Advisor to the Deputy Commissioner, Operations

Conseiller Principal au Sous-commissaire, Opérations

Canadian Coast Guard | Garde côtière canadienne

613-993-8198 (office), Cell: [REDACTED]

LeBlanc, Brian (Acting AC, Atlantic Region)

From: Lebel, Mathieu
Sent: November 20, 2018 1:10 PM
To: LeBlanc, Brian (Executive Director, CCGC)
Subject: RE: Sea Rose

Copy that. Thanks!

De : LeBlanc, Brian (Executive Director, CCGC)
Envoyé : 20 novembre 2018 11:39
À : Lebel, Mathieu <Mathieu.Lebel@dfo-mpo.gc.ca>
Objet : RE: Sea Rose

No problem at all, see my last – came from Husky through the Board.

Brian

From: Lebel, Mathieu
Sent: Tuesday, November 20, 2018 1:08 PM
To: LeBlanc, Brian (Executive Director, CCGC) <Brian.Leblanc@dfo-mpo.gc.ca>
Cc: Spurrell, Wade <Wade.Spurrell@DFO-MPO.GC.CA>
Subject: RE: Sea Rose

Merci! Wade, preparing an update now.

Brian, thank you for your support,

De : LeBlanc, Brian (Executive Director, CCGC)
Envoyé : 20 novembre 2018 11:36
À : Lebel, Mathieu <Mathieu.Lebel@dfo-mpo.gc.ca>
Cc : Spurrell, Wade <Wade.Spurrell@DFO-MPO.GC.CA>
Objet : RE: Sea Rose

The Board.

Brian

From: Lebel, Mathieu
Sent: Tuesday, November 20, 2018 1:04 PM
To: LeBlanc, Brian (Executive Director, CCGC) <Brian.Leblanc@dfo-mpo.gc.ca>
Cc: Spurrell, Wade <Wade.Spurrell@DFO-MPO.GC.CA>
Subject: RE: Sea Rose

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Envoyé : 20 novembre 2018 11:25

À : Lebel, Mathieu <Mathieu.Lebel@dfo-mpo.gc.ca>

Cc : Spurrell, Wade <Wade.Spurrell@DFO-MPO.GC.CA>

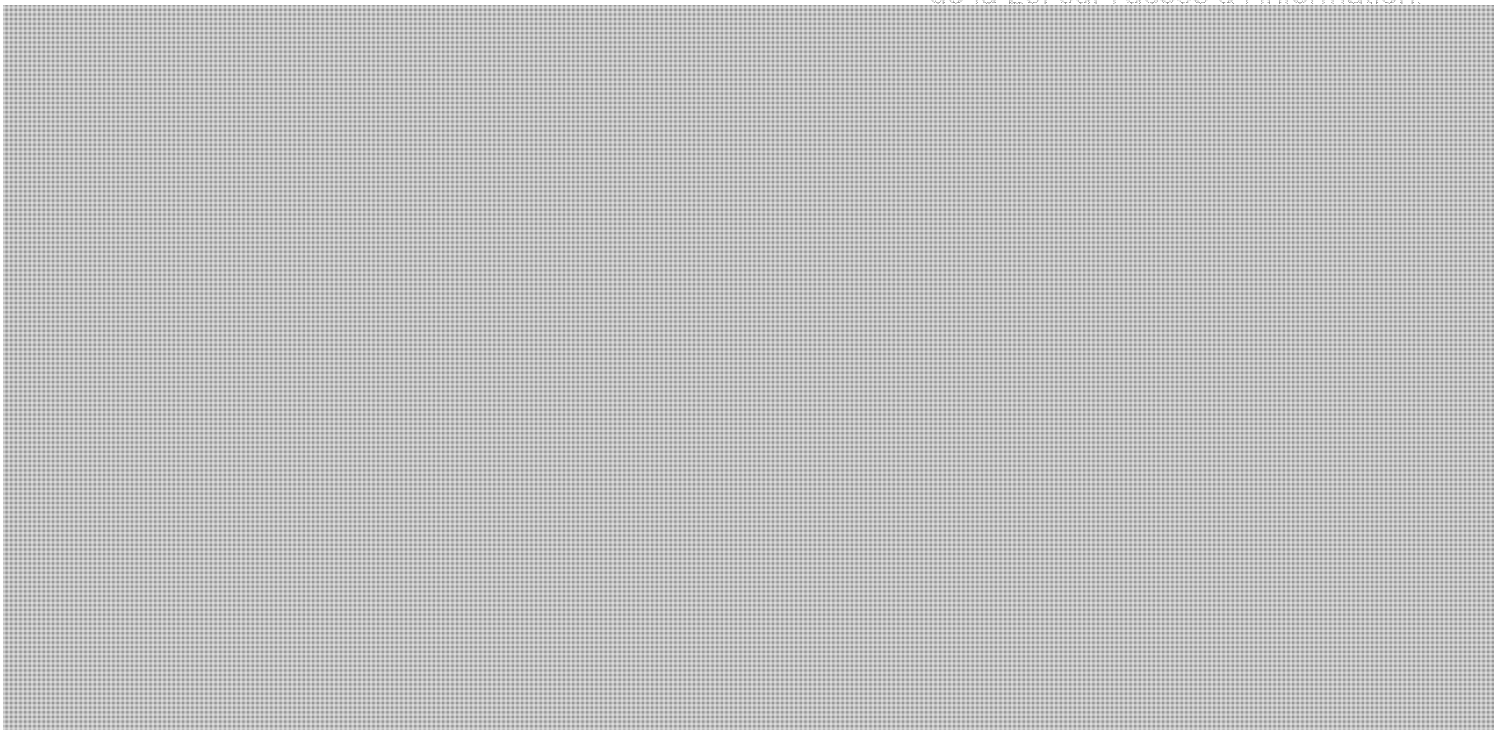
Objet : RE: Sea Rose

Importance : Haute

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CCG Update is at the end.

Brian



CCG Updates:

- The Board (C-NLOPB) has activated their MOU with the CCG to provide Resource Agency support as required.
- At request of the Board, CCG has provided a Senior Response Officer to the Board for their chartered surveillance flights.
- It is anticipated that additional CCG resources will be requested by the Board to provide operation advice on Response Plans as they are developed.

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Sent: Tuesday, November 20, 2018 12:02 PM

To: LeBlanc, Brian (Executive Director, CCGC) <Brian.LebLANC@dfo-mpo.gc.ca>

Cc: Spurrell, Wade <Wade.Spurrell@DFO-MPO.GC.CA>

Subject: Sea Rose

Hi Brian,

MINO is asking for info, do we know when the latest update on the platform will be sent?

Thanks!

Mathieu Lebel

Senior Advisor to the Deputy Commissioner, Operations

Conseiller Principal au Sous-commissaire, Opérations

Canadian Coast Guard | Garde côtière canadienne

613-993-8198 (office), Cell: [REDACTED]

Matheson, Kyle

From: Matheson, Kyle
Sent: November-20-18 3:39 PM
To: Kelly, Jason
Subject: RE: SEAROSE Science brief;

The chronology of events:

Sat: Provided preliminary resources at risk to ECCC; Briefed COOGER; Briefed RDS

Sun: Updated COOGER and RDS; Discussed initial requests for marine mammal surveys included with seabird surveys with ECCC

Mon: Provided updated information on marine mammals and information requests for marine mammal surveys after discussions with DFO Marine Mammal group; Discussed situation with DFO Oceanography and reached out to ECCC for contacts for their modelling team

Cheers, Kyle

From: Kelly, Jason
Sent: November-20-18 3:34 PM
To: Matheson, Kyle
Subject: RE: SEAROSE Science brief;

From: Matheson, Kyle
Sent: November-20-18 3:29 PM
To: Kelly, Jason
Cc: Pilgrim, Bret
Subject: SEAROSE Science brief;

Hi Jason,

Hopefully this is what you are looking for, but give me a shout if you have any questions.

Update:

Science forwarded resources at risk information to Graham Thomas (ECCC NL representative), which included information on marine mammals expected in the area, potential low impact to pelagic and benthic fish species, and that spill is not within a MPA or EBSA. Members of COOGER have also been briefed of the incident. Science is also coordinating contact between experts in oceanographic modelling within DFO and those at ECCC.

Cheers, Kyle

MSc, Aquatic Science Biologist
Environmental Incident Coordinator
Ecological Sciences | Science Branch
Fisheries and Oceans Canada

St. John's, NL

Kelly, Jason

From: Kelly, Jason
Sent: November-20-18 3:30 PM
To: Edison, Margo
Subject: RE: Take a quick look...

Yes, I'll have it all in the updated note below. Just waiting on one bullet from Science.

Jason

From: Edison, Margo
Sent: November-20-18 3:23 PM
To: Kelly, Jason
Subject: RE: Take a quick look...

Jason,
Just to clarify from earlier, if you find out new updates that we can include for the MINO call, send them along and I can update the note before the call tomorrow.

Thanks
Margo

From: Edison, Margo
Sent: Tuesday, November 20, 2018 1:27 PM
To: Kelly, Jason <Jason.Kelly@dfo-mpo.gc.ca>
Subject: Fw: Take a quick look...

Hi jason,
From what you forwarded me, here's what I boiled it down to for Ray to send her to refer to.

Could you go back and look at what you sent me initially? I'd like you to confirm the acronyms again?

Also, please advise if I missed anything!
Thanks,
Margo

From: Edison, Margo <Margo.Edison@dfo-mpo.gc.ca>
Sent: Monday, November 19, 2018 4:32 PM
To: Finn, Ray
Subject: Take a quick look...

Husky Incident of Nov 16, 2018

Hi Jackie,
As you are already aware, on Fri, Nov 16th DFO (FPP) received notifications of the Husky Oil spill incident from the National Environmental Emergencies Centre (NEEC). The current estimate of product lost is 250m3 (250,000L) of crude oil.

FPP has a coordination role if a Science table is called by NEEC and will convene our internal Environmental Incidents Team for advice. To date, a Science table has not yet been established but we are actively communicating with the NEEC should the need arise.

FPP plays a coordination role, in our region, with respect to spill response and emergency preparedness. Upon notification from the NEEC, DFO's Environmental Incidents Team is triggered. This team is led by the Fisheries Protection Program and includes a representative from all sectors to provide expert advice. A single coordinated DFO response is developed and forwarded to NEEC. This is guided by the "Newfoundland and Labrador Environmental Incident (NLEI) Team Notification Procedures" (currently under revision) and the "MOU between C-NLOPB and DFO".

Note: The C-NLOPB may also call up the NECC to call a Science Table to assist in the provision of advice and information. At that time the DFO Environmental Incidents team will be called upon to provide advice lead by FPP

Hope this helps,

Margo Edison

Acting Director, Fish and Fish Habitat Protection Program | Directeur, Programme de protection du poisson et de l'habitat du poisson

Ecosystems Management | Gestion des écosystèmes

Fisheries & Oceans Canada | Pêches et Océans Canada

NL Region | Région de Terre Neuve

Office | Bureau (709) 772-7318

Cell | Tél. cellulaire [REDACTED]

Fax | Télécopieur (709) 772-5562

Kelly, Jason

From: Kelly, Jason
Sent: November-20-18 3:40 PM
To: Edison, Margo
Subject: Fw: Take a quick look...

As discussed updated with a bit more of a focus on the incident and status. Can discuss if you wish

Update Nov 20th, 2018 3pm - Husky Spill

As you are already aware, on Fri, Nov 16th, 2018 DFO (FPP) received notifications of the Husky Oil spill incident from the National Environmental Emergencies Centre (NEEC). The current estimate of product lost is 250m3 (250,000L) of crude oil.

The C-NLOPB is the Lead Responding Agency for spills related to offshore exploration and production facilities with their area of jurisdiction. The C-NLOPB may request the NEEC to call a "Science Table" of federal authorities to assist in the provision of advice and information to assist in the response.

Should a "Science Table" be called DFO will convene our internal Environmental Incidents Team, led by the FPP and guided by the "Newfoundland and Labrador Environmental Incident Team Notification Procedures". The team includes a representative from all sectors to provide expert advice on areas such as fisheries, marine mammals, sensitive species and habitats. A single coordinated DFO response would then be developed and forwarded to NEEC.

To date, a Science table has not yet been called by NEEC, however FPP are in communication with NEEC and will be advised if one is required.

The FPP will also continue to participate on daily incident update calls lead by Husky Energy. The initial call was on Tuesday Nov 20th at 1100am and included:

- Participants - Husky, the CNLOPB, ECCC and DFO (FPP, Science)
- Husky provided a recap of Nov 19 surveying activities and discussed wildlife observations which include marine mammals, turtles. Vessel and aerial surveys are ongoing.
- Discussed survey plan for Nov 20 and outlined how surveys will be conducted. Document outlining survey plan to be forward to all participants.
- Discussed how oiled birds will be handle and rehabilitated.

As an initial step, DFO Science sector has provided information to the NEEC on marine mammals expected in the area, pelagic and benthic fish species and that spill is not within a MPA or EBSA.

From: Edison, Margo
Sent: November-20-18 1:27 PM
To: Kelly, Jason
Subject: Fw: Take a quick look...

Hi jason,

From what you forwarded me, here's what I boiled it down to for Ray to send her to refer to.

Could you go back and look at what you sent me initially? I'd like you to confirm the acronyms again?

Also, please advise if I missed anything!

Thanks,

Margo

From: Edison, Margo <Margo.Edison@dfo-mpo.gc.ca>

Sent: Monday, November 19, 2018 4:32 PM

To: Finn, Ray

Subject: Take a quick look...

Husky Incident of Nov 16, 2018

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FPP plays a coordination role, in our region, with respect to spill response and emergency preparedness. Upon notification from the NEEC, DFO's Environmental Incidents Team is triggered. This team is led by the Fisheries Protection Program and includes a representative from all sectors to provide expert advice. A single coordinated DFO response is developed and forwarded to NEEC. This is guided by the "Newfoundland and Labrador Environmental Incident (NLEI) Team Notification Procedures" (currently under revision) and the "MOU between C-NLOPB and DFO".

Note: The C-NLOPB may also call up the NECC to call a Science Table to assist in the provision of advice and information. At that time the DFO Environmental Incidents team will be called upon to provide advice lead by FPP

Hope this helps,

Margo Edison

Acting Director, Fish and Fish Habitat Protection Program | Directeur, Programme de protection du poisson et de l'habitat du poisson

Ecosystems Management | Gestion des écosystèmes

Fisheries & Oceans Canada | Pêches et Océans Canada

NL Region | Région de Terre Neuve

Office | Bureau (709) 772-7318

Cell | Tél. cellulaire [REDACTED]

Fax | Télécopieur (709) 772-5562

Matheson, Kyle

From: Matheson, Kyle
Sent: November-20-18 10:55 AM
To: Siwik, Eden
Subject: RE: Update: FW: Incident SITREP 003, ER, FPSO Sea Rose - 250 Cubic Meters Crude Oil Spill

I will. Thanks.

- K

From: Siwik, Eden
Sent: November-20-18 10:06 AM
To: Matheson, Kyle
Subject: RE: Update: FW: Incident SITREP 003, ER, FPSO Sea Rose - 250 Cubic Meters Crude Oil Spill

Hi, Kyle.

Thanks for the updates! I have been trying to keep folks here in the loop as well. I don't receive all the MSOC-East e-mails, but I receive the ones they send to the Nat. Incidents e-mail list.

Let me know if you ever need any assistance,

Eden

Eden Siwik, M.Sc.

Science Advisor and Environmental Incident Coordinator / Conseillère scientifique et coordinatrice des incidents environnementaux

Environment and Biodiversity Science / Sciences de l'environnement et de la biodiversité

Fisheries and Oceans Canada / Pêches et Océans Canada

Government of Canada / Gouvernement du Canada

Eden.Siwik@dfo-mpo.gc.ca / 613-612-9726



Government
of Canada

Gouvernement
du Canada

Canada

From: Matheson, Kyle
Sent: Tuesday, November 20, 2018 8:19 AM
To: Siwik, Eden <Eden.Siwik@dfo-mpo.gc.ca>
Subject: FW: Update: FW: Incident SITREP 003, ER, FPSO Sea Rose - 250 Cubic Meters Crude Oil Spill

Hi Eden,

Things are going pretty well. Not too much in the form of requests. I put together a brief Resources list, but mostly otherwise has just been keeping people up to date or connecting folks (i.e. modellers from DFO with those at ECCC). Fortunately, most of the product has seemed to disperse and it is not a continuous release.

I have copied my updates to my RDS below and I think the most recent SITREP is at the bottom. Have you received the SITREPs as well (wasn't sure if you are on that list)?

Let me know if you have any questions though.

Cheers, Kyle

Nov 19 2018:

A quick update: On the surveillance flight this morning no product was observed on the water.

Flights will still continue tomorrow and will include wildlife observers for marine mammals and seabirds.

From: Matheson, Kyle
Sent: November-18-18 8:42 PM
To: McCallum, Barry
Cc: Mansour, Atef A H; Clarke, Keith
Subject: Update: FW: Incident SITREP 003, ER, FPSO Sea Rose - 250 Cubic Meters Crude Oil Spill

Hi all,

Another surveillance flight conducted this morning observed only 450 L on the surface (mostly light sheening over a large area) and no new oil was detected during a second flight in the afternoon that focused on areas not previously checked for oil.

This is good news, indicating that much of the oil is likely dispersing in the high sea state (~2500 L detected on the surface the day before) and providing further evidence that it was a batch spill and is not a continuous leak.

The ROV has still not been able to make a proper assessment on the equipment to check for any further risk, which will be conducted when the weather subsides (likely Monday or Tuesday).

Wildlife observers are also being deployed to the site to survey for marine mammals and seabirds in the area.

Cheers, Kyle

From: Matheson, Kyle
Sent: November-17-18 5:56 PM
To: McCallum, Barry
Cc: Mansour, Atef A H; Clarke, Keith
Subject: Fw: Incident SITREP 002, ER, FPSO Sea Rose - 250 Cubic Meters Crude Oil Spill

Update: A surveillance flight was conducted today and observed areas of sheening over 168 km², which was estimated to equal ~2400 L currently at the surface.

ECCC and CCG are engaged with CNLOPB and Husky Energy on further response planning. Another flight is expected tomorrow afternoon and I will provide another update later tomorrow (or if anything changes). We have provided a preliminary set of resources at risk to ECCC.

Of note, the 250 t was identified as a worst case scenario until a further assessment can take place, but would stand as the largest crude spill from an offshore production in Canadian history.

Cheers, Kyle

Sent from my BlackBerry 10 smartphone on the Bell network.

From: MSOC-East / COSM-Est (DFO/MPO)
Sent: Sunday, November 18, 2018 6:16 PM
To: DFO.F CCG Nat Incidents / Incidents Nat GCC F.MPO
Subject: Incident SITREP 003, ER, FPSO Sea Rose - 250 Cubic Meters Crude Oil Spill

1. CCG Region/Incident Name: Sea Rose FPSO release estimated at 250 cubic meters of crude
2. Incident Category/Type: Marine ER Type 4
3. Date/Time: November 18, 18:00hrs

4. Primary Department(s)/Agency(s): C-NNLOPB

5. Supporting Departments/Agencies: ECCC, CCG, CWS
6. Regional Location: Atlantic

a. Province/Territory: Newfoundland and Labrador

b. City: NA

c. Amplifying location: Sea Rose FPSO, White Rose Oil Field

7. Current Situation: At 15:30 Local Time, 16/11/2018, the SEAROSE FPSO reported losing approximately 250 cubic meters of crude while circulating crude through their subsea line in preparation to go back in production after being shut down for the recent powerful storm. Third surveillance flight was conducted Sunday morning and observed a very light sheen over a large area. Area was 18 km X 3 km. A portion of that area 3 x 3 km has approximately 120 liters. Coverage within the area was approximately 15% . Of the 15%, 95% was Tar code A, 4% Tar code B resulting in a volume 450 liters and 1% Code D . Forth surveillance flight was conducted Sunday afternoon. Flight was tasked to check areas that haven't previously been checked to confirm no oil. The Oceans trajectory had oil go South, West, back North and then East. Oil only went south and a little East. Some sheen this afternoon which could have been from this morning's sighting but appeared to be smaller in area. No quantity available as the daylight was diminishing and things were hard to see. Husky Energy has requested same observers to be on flight tomorrow morning for consistency. Flight departure is scheduled for 07:00.

Weather on site appeared to be windier than yesterday with higher sea state. Husky Energy has their Regional Response Management Team (RRMT) activated at their Response Centre in St. John's.

8. Actions Taken: CCG ER remains in close contact with C-NLOPB and ECCC and with Husky Energy and their Environmental Coordinator at Husky Energy's Response Centre. CCG ER and the RO ECRC representatives were aboard surveillance flight at 07:00hrs this morning and again at 13:00hrs this afternoon.

Current Actions (other): Husky Energy has stood up their response center in St. John's. ECRC has been activated and will accompany CCG ER on surveillance flights. Spill tractor buoys have been deployed. Mass balance and spill trajectory has been run by ECCC. Wildlife observer and ROV have been deployed to site.

9. Media/Public Communications: Local media outlets have been reporting on the incident.

10. Activities Next 24 Hours: CCG ER personnel will remain in contact with C-NLOPB as assessment progresses and will continue to monitor incident for developments. CCG ER will continue close coordination with Husky Energy's Response Center (ICP).

11. Environmental Factors: Wind northwest 25 knots diminishing to northwest 15 late overnight and to light Monday morning. Wind increasing to south 15 to 20 Monday evening. Seas 5 to 7 meters subsiding to 3 to 5 this morning and to 2 to 3 Monday morning. Seas subsiding to 1 to 2 Monday evening.

12. Significant Issues: N/A

13. Personnel Status: One CCG ER Personnel was on surveillance flight today. Industry – Regional Response Management Team (RRMT), Spill Contractor – ECRC and other associated contractors.

14. Equipment Status: Industry – Surveillance Aircraft (PAL), three OSV's – Skandi Vinland ROV Operations prepping for transit to site for subsurface assessment, Maersk Dispatcher – Wildlife Observer and Spill Surveillance, Atlantic Hawk – Safety Stand-by and regular surveillance sweeps,

15. New Requirements: N/A

16. Command Assessment: Continue to monitor incident for further developments and support C-NLOPB as required.

17. Next SITREP: Approximately 16:00 local time Monday after daily surveillance flight(s).

Maritime Security Officer / Agent de sécurité maritime Canadian Coast Guard / Garde côtière canadienne Marine
Security Operations Centre - East / Centre d'opérations de la sécurité maritime – Est CFB Halifax / BFC Halifax Building
D-201 / Bâtiment D-201

2737 Provo Wallis Street

PO Box 99000 Stn Forces / PO Box 99000 Succ Forces Halifax, Nova Scotia, Canada B3K 5X5 msoceast@dfo-mpo.gc.ca

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Téléphone/Télécopieur Sûr: (902) 427-2987 Government of Canada / Gouvernement du Canada

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From: Davidson, Fraser
To: Lontoc-Roy, Melinda; Mansour, Atef A H; Sutton-Pande, Vanessa
Subject: Fwd: White Rose oil spill
Date: Tuesday, November 20, 2018 1:51:47 PM
Attachments: image001.png

Dear Atef and Melinda

We are easily set up to do what Denis is asking thanks to our OPP approach.

From my point of view it would be unlikely for surface oil spilled on the nose of the grand banks to reach the gulf of st. Lawrence any time soon..(ie 3 months)

One can also look at all the drifter tracks in the navigator and conclude that it would be some time before

However before considering my reply to denia, please provide any guidance on how to proceed

Fraser



Sent from my Bell Samsung device over Canada's largest network.

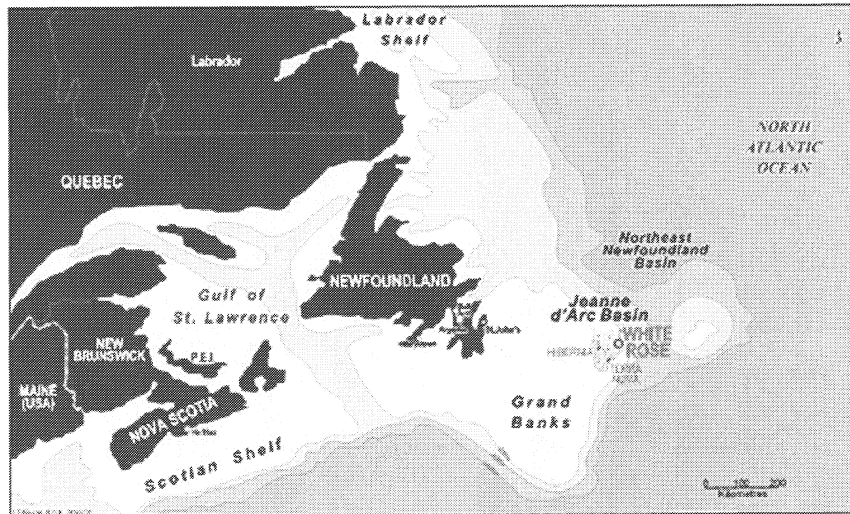
----- Original message -----

From: "Lefaivre, Denis" <Denis.Lefaivre@dfo-mpo.gc.ca>
Date: 2018-11-20 12:07 PM (GMT-04:00)
To: "Davidson, Fraser" <Fraser.Davidson@dfo-mpo.gc.ca>
Subject: White Rose oil spill

Bonjour Fraser,

J'ai un journaliste qui me demande si le pétrole déversé de White Rose pourrait pénétrer dans le Golfe du Saint-Laurent.

Figure 1.1: White Rose Location



En raison de sa position, je vois qu'il y a une possibilité d'entrer dans le golfe.
J'aimerais avoir ton opinion là-dessus et une simulation si possible, avant d'alerter les médias.

Denis

Denis Lefaiivre
Chercheur scientifique / Prévisions océaniques
Pêches et Océans Canada / Institut Maurice-Lamontagne
denis.lefaivre@dfo-mpo.gc.ca / Tél.: 418-775-0568

Research Scientist / Ocean Forecasts
Fisheries and Oceans Canada / Maurice Lamontagne Institute
denis.lefaivre@dfo-mpo.gc.ca / Tel.: 418-775-0568

Kelly, Jason

From: Kelly, Jason
Sent: November-20-18 2:05 PM
To: Pilgrim, Bret
Subject: RE: Wildlife Update

Thanks I will also need a quick summary (bullets) of this call

jason

From: Pilgrim, Bret
Sent: November-20-18 1:50 PM
To: Kelly, Jason
Subject: RE: Wildlife Update

Jason,

As requested, Please see below the invite to the daily 11:00am updates.

Bret

Page 603

**is withheld pursuant to sections
est retenue en vertu des articles**

16(2), 24(1)

**of the Access to Information Act
de la Loi sur l'accès à l'information**

Page 604

**is withheld pursuant to sections
est retenue en vertu des articles**

16(2), 19(1), 24(1)

**of the Access to Information Act
de la Loi sur l'accès à l'information**

Norman, Leslie

From: Norman, Leslie
Sent: November-20-18 4:52 PM
To: Wiseman, Wanda
Subject: FW: DFO-NLEI Team: Searose Oil Release Friday Nov. 16.

FYI

From: Pilgrim, Bret
Sent: November-20-18 4:10 PM
To: Roberge, Michelle; Matheson, Kyle; Clarke, Keith; Norman, Leslie; Bungay, Kerry; Walsh, Jerry; McGrath, Joe; Knight, Jessie; Marshall, Glen; Dawe, Mary; Dunderdale, Sara; Whiffen, Sam
Cc: Kelly, Jason
Subject: DFO-NLEI Team: Searose Oil Release Friday Nov. 16.

Good afternoon NLEI Team,

As I'm sure most of you heard already, there was an oil release incident from the Searose (Husky) on Friday, Nov. 16. This email is to provide you with a brief overview/update on this incident.

1. DFO received a notification from the National Environmental Emergencies Centre (NEEC) at 1600 Friday, Nov. 16. **Note:** DFO receives NEEC notifications for all reported oil spills.
 - a. Husky identified issues with pressurization on flow line. At the time there was an oil slick of about 1 mile long.
2. Media sources and the CNLOPB reported approximately 250 cubic meters of product. The decision was made to use the worst case scenario for release volume until the incident has been fully investigated and a determined volume calculated. However, a true volume has yet to be confirmed.
3. Preliminary information on the spill indicates that it was likely a batch spill and not a continuous leak from the infrastructure. Husky are in the process of dispatching an ROV to take a look at the infrastructure, but have had delays due to high sea states and bad weather.
4. The high sea states are playing a role in the dispersion of the oil. Approximately 3000 L was observed on the sea surface on Day 1, which has decreased daily, and only small patches were reported today (we receive updates daily)
5. Ongoing vessel and aerial surveys are being conducted to locate oil and to carry out wildlife surveys for birds, marine mammals, sea turtles....
6. To date, a Science table has not been called by NEEC, but we are actively communicating with other regulators should the need arise.
 - a. Should a "Science Table" be called DFO will convene our internal Environmental Incidents Team, lead by the FPP and guided by the "Newfoundland and Labrador Environmental Incident (NLEI)Team Notification Procedures".
7. EM and Science are actively participating in daily updates, and will continue to keep you updated should relevant information become available.

Please let me know if you have any questions.

Bret

Bret Pilgrim

A/Sr. Biologist – Mining Regulatory Review

Fisheries Protection Program | Programme de protection des pêches
Ecosystems Management | Gestion des écosystèmes
Fisheries and Oceans Canada | Pêches et Océans Canada
Northwest Atlantic Fisheries Centre |
Centre des Pêches de l'Atlantique Nord-Ouest
80 East White Hills Road | 80, route White Hills est
PO Box 5667 | CP 5667
St. John's NL A1C 5X1 Canada
Tel. 709-772-6562

Bungay, Kerry

From: Bungay, Kerry
Sent: November-20-18 4:12 PM
To: Simms, Jason
Cc: Slaney, Lloyd
Subject: FW: DFO-NLEI Team: Searose Oil Release Friday Nov. 16.

Hello Jason

Another update.

From: Pilgrim, Bret
Sent: November-20-18 4:10 PM
To: Roberge, Michelle; Matheson, Kyle; Clarke, Keith; Norman, Leslie; Bungay, Kerry; Walsh, Jerry; McGrath, Joe; Knight, Jessie; Marshall, Glen; Dawe, Mary; Dunderdale, Sara; Whiffen, Sam
Cc: Kelly, Jason
Subject: DFO-NLEI Team: Searose Oil Release Friday Nov. 16.

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Please let me know if you have any questions.

Bret

Bret Pilgrim

A/Sr. Biologist – Mining Regulatory Review
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St. John's NL A1C 5X1 Canada
Tel 709-772-6562

Kelly, Jason

From: Kelly, Jason
Sent: November-20-18 4:21 PM
To: Pilgrim, Bret
Subject: RE: DFO-NLEI Team: Searose Oil Release Friday Nov. 16.

Thanks Bret

Jason

From: Pilgrim, Bret
Sent: November-20-18 4:10 PM
To: Roberge, Michelle; Matheson, Kyle; Clarke, Keith; Norman, Leslie; Bungay, Kerry; Walsh, Jerry; McGrath, Joe; Knight, Jessie; Marshall, Glen; Dawe, Mary; Dunderdale, Sara; Whiffen, Sam
Cc: Kelly, Jason
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Please let me know if you have any questions.

Bret

Bret Pilgrim

A/Sr. Biologist – Mining Regulatory Review
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PO Box 5667 | CP 5667
St. John's NL A1C 5X1 Canada
Tel. 709-772-6562

LeBlanc, Brian (Acting AC, Atlantic Region)

From: Miller, Anne
Sent: November 20, 2018 12:27 AM
To: MSOC-East / COSM-Est (DFO/MPO)
Cc: Yard, David C; LeBlanc, Brian (Executive Director, CCGC)
Subject: Fwd: Incident SITREP 004, ER, FPSO Sea Rose - 250 Cubic Meters Crude Oil Spill

Please distribute the attached sitrep.

Thanks, Anne

Sent from my iPhone

Begin forwarded message:

From: "Yard, David C" <David.Yard@dfo-mpo.gc.ca>
Date: November 19, 2018 at 5:49:49 PM AST
To: "Miller, Anne" <Anne.Miller@dfo-mpo.gc.ca>
Subject: Incident SITREP 004, ER, FPSO Sea Rose - 250 Cubic Meters Crude Oil Spill

1. CCG Region/Incident Name: Sea Rose FPSO release estimated at 250 cubic meters of crude
2. Incident Category/Type: Marine ER Type 4
3. Date/Time: November 19, 18:00hrs

4. Primary Department(s)/Agency(s): C-NNLOPB

5. Supporting Departments/Agencies: ECCC, CCG, CWS

6. Regional Location: Atlantic

a. Province/Territory: Newfoundland and Labrador

b. City: NA

c. Amplifying location: Sea Rose FPSO, White Rose Oil Field

7. Current Situation: At 15:30 Local Time, 16/11/2018, the SEAROSE FPSO reported losing approximately 250 cubic meters of crude while circulating crude through their subsea line in preparation to go back in production after being shut down for the recent powerful storm. Fifth surveillance flight was conducted Monday morning and there was no oil observed. Flight was tasked to check areas that haven't previously been checked to confirm no oil. Oceans had produced a revised trajectory based on the oil location yesterday. That area was overflowed and no oil observed. Husky Energy scheduled a second flight today but the focus was on wildlife observation.

Weather on site today was winds NW at 25 – 35 knots. Sea state ranged from 4.5 – 7.2 meters. Visibility was the best it has been since spill occurred. Husky Energy has their Regional Response Management Team (RRMT) activated at their Response Centre in St. John's.

8. Actions Taken: CCG ER remains in close contact with C-NLOPB and ECCC and with Husky Energy and their Environmental Coordinator at Husky Energy's Response Centre. CCG ER and the RO ECRC representatives were aboard surveillance flight at 07:00hrs this morning.

Current Actions (other): Husky Energy has stood up their response center in St. John's. ECRC has been activated and will accompany CCG ER on surveillance flights. Spill tractor buoys have been deployed.

Mass balance and spill trajectory continues to be run by ECCC. Wildlife observer and ROV have been deployed to site. Attempts made today to deploy ROV over the side.

9. Media/Public Communications: Local media outlets have been reporting on the incident.

10. Activities Next 24 Hours: CCG ER personnel will remain in contact with C-NLOPB as assessment progresses and will continue to monitor incident for developments. CCG ER will continue close coordination with Husky Energy's Response Center (ICP).

11. Environmental Factors: Wind northwest 20 knots backing to southwest 20 this evening then increasing to south 35 Tuesday morning. Seas 3 to 5 meters subsiding to 2 to 3 late overnight then building to 3 to 5 Tuesday afternoon.

12. Significant Issues: N/A

13. Personnel Status: 3 CCG ER Personnel

14. Equipment Status: Industry – Surveillance Aircraft (PAL), three OSV's – Skandi Vinland ROV Operations on site for subsurface assessment, Maersk Dispatcher – Wildlife Observer and Spill Surveillance, Atlantic Hawk – Safety Stand-by and regular surveillance sweeps,

15. New Requirements: N/A

16. Command Assessment: Continue to monitor incident for further developments and support C-NLOPB as required.

17. Next SITREP: Approximately 16:00 local time Tuesday.

LeBlanc, Brian (Acting AC, Atlantic Region)

From: MSOC-East / COSM-Est (DFO/MPO)
Sent: November 20, 2018 12:35 AM
To: DFO.F CCG Nat Incidents / Incidents Nat GCC F.MPO
Subject: Incident SITREP 004, ER, FPSO Sea Rose - 250 Cubic Meters Crude Oil Spill

1. CCG Region/Incident Name: Sea Rose FPSO release estimated at 250 cubic meters of crude
2. Incident Category/Type: Marine ER Type 4
3. Date/Time: November 19, 18:00hrs

4. Primary Department(s)/Agency(s): C-NNLOPB

5. Supporting Departments/Agencies: ECCC, CCG, CWS
6. Regional Location: Atlantic

a. Province/Territory: Newfoundland and Labrador

b. City: NA

c. Amplifying location: Sea Rose FPSO, White Rose Oil Field

7. Current Situation: At 15:30 Local Time, 16/11/2018, the SEAROSE FPSO reported losing approximately 250 cubic meters of crude while circulating crude through their subsea line in preparation to go back in production after being shut down for the recent powerful storm. Fifth surveillance flight was conducted Monday morning and there was no oil observed. Flight was tasked to check areas that haven't previously been checked to confirm no oil. Oceans had produced a revised trajectory based on the oil location yesterday. That area was overflowed and no oil observed. Husky Energy scheduled a second flight today but the focus was on wildlife observation.

Weather on site today was winds NW at 25 – 35 knots. Sea state ranged from 4.5 – 7.2 meters. Visibility was the best it has been since spill occurred. Husky Energy has their Regional Response Management Team (RRMT) activated at their Response Centre in St. John's.

8. Actions Taken: CCG ER remains in close contact with C-NLOPB and ECCC and with Husky Energy and their Environmental Coordinator at Husky Energy's Response Centre. CCG ER and the RO ECRC representatives were aboard surveillance flight at 07:00hrs this morning.

Current Actions (other): Husky Energy has stood up their response center in St. John's. ECRC has been activated and will accompany CCG ER on surveillance flights. Spill tractor buoys have been deployed. Mass balance and spill trajectory continues to be run by ECCC. Wildlife observer and ROV have been deployed to site. Attempts made today to deploy ROV over the side.

9. Media/Public Communications: Local media outlets have been reporting on the incident.

10. Activities Next 24 Hours: CCG ER personnel will remain in contact with C-NLOPB as assessment progresses and will continue to monitor incident for developments. CCG ER will continue close coordination with Husky Energy's Response Center (ICP).

11. Environmental Factors: Wind northwest 20 knots backing to southwest 20 this evening then increasing to south 35 Tuesday morning. Seas 3 to 5 meters subsiding to 2 to 3 late overnight then building to 3 to 5 Tuesday afternoon.

12. Significant Issues: N/A

13. Personnel Status: 3 CCG ER Personnel

14. Equipment Status: Industry – Surveillance Aircraft (PAL), three OSV's – Skandi Vinland ROV Operations on site for subsurface assessment, Maersk Dispatcher – Wildlife Observer and Spill Surveillance, Atlantic Hawk – Safety Stand-by and regular surveillance sweeps,

15. New Requirements: N/A

16. Command Assessment: Continue to monitor incident for further developments and support C-NLOPB as required.

17. Next SITREP: Approximately 16:00 local time Tuesday.

Maritime Security Officer / Agent de sécurité maritime Canadian Coast Guard / Garde côtière canadienne Marine
Security Operations Centre - East / Centre d'opérations de la sécurité maritime – Est CFB Halifax / BFC Halifax Building D-
201 / Bâtiment D-201

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PO Box 99000 Stn Forces / PO Box 99000 Succ Forces Halifax, Nova Scotia, Canada B3K 5X5 msoceast@dfo-mpo.gc.ca

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LeBlanc, Brian (Acting AC, Atlantic Region)

From: Yard, David C
Sent: November 20, 2018 5:04 PM
To: LeBlanc, Brian (Executive Director, CCGC)
Cc: Miller, Anne
Subject: Fw: Incident SITREP 005 ER, FPSO Sea Rose - 250 Cubic Meters Crude Oil Spill

Brian advance copy sitrep for you call with HQ

Anne will review prior to distribution

Sent from my BlackBerry 10 smartphone on the Bell network.

From: Yard, David C <David.Yard@dfo-mpo.gc.ca>
Sent: Tuesday, November 20, 2018 17:01
To: Miller, Anne
Subject: Incident SITREP 005 ER, FPSO Sea Rose - 250 Cubic Meters Crude Oil Spill

1. CCG Region/Incident Name: Sea Rose FPSO release estimated at 250 cubic meters of crude
2. Incident Category/Type: Marine ER Type 4
3. Date/Time: November 20, 16:30hrs
4. Primary Department(s)/Agency(s): C-NLOPB
5. Supporting Departments/Agencies: ECCC, CCG, CWS
6. Regional Location: Atlantic
 - a. Province/Territory: Newfoundland and Labrador
 - b. City: N/A
 - c. Amplifying location: Sea Rose FPSO, White Rose Oil Field.
7. Current Situation: Surveillance flight this afternoon proceeded straight to location where oil may have been sighted on this morning's flight (unconfirmed). Flew the area thoroughly with no sightings of any oil. Proceeded to last known position of tracker buoy given to us just before we departed St. John's. No oil seen on water anywhere near the tracker buoys last known position. Unable to pinpoint tracker buoy. Had limited time on scene because we required to keep Deer Lake as an alternate due to weather at St. John's and Gander. We noted wildlife as we completed our patrol. All seabird sightings were observed and tracked while on site. Weather on site were winds SW 20- 25 knots. Sea state 1.7 - 2.4 meters. Visibility on the surface was ideal for observing oil on the surface. Husky Energy's Regional Response Management Team (RRMT) remains activated at their Response Centre in St. John's. MOU between CCG and CNLOPB was officially activated on November 19, 2018.
8. Actions Taken: CCG ER remains in close contact with C-NLOPB and ECCC and with Husky Energy and their Environmental Coordinator at Husky Energy's Response Centre. CCG ER and the RO ECRC representatives were aboard surveillance flight at 12:15hrs this afternoon.
Current Actions (other): Husky Energy continues to stand up their response center in St. John's. Wildlife surveillance flight conducted this morning, observers from CWS and RO ECRC.
9. Media/Public Communications: Local media outlets continue reporting on the incident.
10. Activities Next 24 Hours: CCG ER personnel will remain in contact with C-NLOPB as assessment progresses and will continue to monitor incident for developments. CCG ER will continue close coordination with the Board's Response Center (ICP).
11. Environmental Factors: Gale warning in effect. Wind south 35 knots diminishing to south 25 late overnight then increasing to west 25 to 35 Wednesday evening. Seas 2 to 3 meters building to 3 to 5 this afternoon.

12. Significant Issues: N/A

13. Personnel Status: 3 CCG ER Personnel

14. Equipment Status: Industry – Surveillance Aircraft (PAL), three OSV's – Skandi Vinland ROV Operations on site for subsurface assessment, Maersk Dispatcher – Wildlife Observer and Spill Surveillance, Atlantic Hawk – Safety Stand-by and regular surveillance sweeps,

15. New Requirements: N/A

16. Command Assessment: Continue to monitor incident for further developments and support C-NLOPB as required.

17. Next SITREP: Approximately 16:00 local time Wednesday.

LeBlanc, Brian (Acting AC, Atlantic Region)

From: MSOC-East / COSM-Est (DFO/MPO)
Sent: November 20, 2018 5:13 PM
To: DFO.F CCG Nat Incidents / Incidents Nat GCC F.MPO
Subject: Incident SITREP 005 ER, FPSO Sea Rose - 250 Cubic Meters Crude Oil Spill

1. CCG Region/Incident Name: Sea Rose FPSO release estimated at 250 cubic meters of crude
2. Incident Category/Type: Marine ER Type 4
3. Date/Time: November 20, 16:30hrs
4. Primary Department(s)/Agency(s): C-NLOPB
5. Supporting Departments/Agencies: ECCC, CCG, CWS
6. Regional Location: Atlantic
 - a. Province/Territory: Newfoundland and Labrador
 - b. City: N/A
 - c. Amplifying location: Sea Rose FPSO, White Rose Oil Field.
7. Current Situation: Surveillance flight this afternoon proceeded straight to location where oil may have been sighted on this morning's flight (unconfirmed). Flew the area thoroughly with no sightings of any oil. Proceeded to last known position of tracker buoy given to us just before we departed St. John's. No oil seen on water anywhere near the tracker buoys last known position. Unable to pinpoint tracker buoy. Had limited time on scene because we required to keep Deer Lake as an alternate due to weather at St. John's and Gander. We noted wildlife as we completed our patrol. All seabird sightings were observed and tracked while on site. Weather on site were winds SW 20- 25 knots. Sea state 1.7 - 2.4 meters. Visibility on the surface was ideal for observing oil on the surface. Husky Energy's Regional Response Management Team (RRMT) remains activated at their Response Centre in St. John's. MOU between CCG and CNLOPB was officially activated on November 19, 2018.
8. Actions Taken: CCG ER remains in close contact with C-NLOPB and ECCC and with Husky Energy and their Environmental Coordinator at Husky Energy's Response Centre. CCG ER and the RO ECRC representatives were aboard surveillance flight at 12:15hrs this afternoon.
Current Actions (other): Husky Energy continues to stand up their response center in St. John's. Wildlife surveillance flight conducted this morning, observers from CWS and RO ECRC.
9. Media/Public Communications: Local media outlets continue reporting on the incident.
10. Activities Next 24 Hours: CCG ER personnel will remain in contact with C-NLOPB as assessment progresses and will continue to monitor incident for developments. CCG ER will continue close coordination with the Board's Response Center (ICP).
11. Environmental Factors: Gale warning in effect. Wind south 35 knots diminishing to south 25 late overnight then increasing to west 25 to 35 Wednesday evening. Seas 2 to 3 meters building to 3 to 5 this afternoon.
12. Significant Issues: N/A
13. Personnel Status: 3 CCG ER Personnel
14. Equipment Status: Industry – Surveillance Aircraft (PAL), three OSV's – Skandi Vinland ROV Operations on site for subsurface assessment, Maersk Dispatcher – Wildlife Observer and Spill Surveillance, Atlantic Hawk – Safety Stand-by and regular surveillance sweeps,
15. New Requirements: N/A
16. Command Assessment: Continue to monitor incident for further developments and support C-NLOPB as required.
17. Next SITREP: Approximately 16:00 local time Wednesday.

Maritime Security Officer / Agent de sécurité maritime Canadian Coast Guard / Garde côtière canadienne Marine
Security Operations Centre - East / Centre d'opérations de la sécurité maritime – Est CFB Halifax / BFC Halifax Building D-201 / Bâtiment D-201
2737 Provo Wallis Street
PO Box 99000 Stn Forces / PO Box 99000 Succ Forces Halifax, Nova Scotia, Canada B3K 5X5 msoceast@dfo-mpo.gc.ca
Telephone / Téléphone: (902) 427-0662 Fax / Télécopieur: (902) 427-7841 Secure Telephone/Fax /
Téléphone/Télécopieur Sûr: (902) 427-2987 Government of Canada / Gouvernement du Canada

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Kelly, Jason

From: Kelly, Jason
Sent: November-20-18 1:20 PM
To: Pilgrim, Bret
Subject: Update to NLEIT

Bret,

Please send an email to the members of the NLEIT providing them an update on the Husky spill and the latest on NEEC. I understand we have not received a formal request from NEEC?

Thanks
Jas

Jason Kelly

A/ Manager – Regulatory Review
Fisheries Protection Program, Ecosystems Management Branch
Fisheries and Oceans Canada, Government of Canada
P.O. Box 5667, St. John's, NL A1C 5X1
Ph: (709) 772-4126
Email: jason.kelly@dfo-mpo.gc.ca

Mayrand, Benoit

From: Mayrand, Benoit
Sent: November-21-18 2:34 PM
To: 'Lavoie, Marilyne (EC)'
Subject: RE: FOR DFO NRCAN AND TC CONFIRMATION ASAP: Déversement Terre-Neuve

Salut Marilyne,

Je crois que de façon générale, ce qui touche à l'impact sur la vie marine nous reviens et de l'autre côté, ce qui réfère directement à la source de pollution reviendrait à ECCC.

Mais bon, je ne suis pas non plus un expert sur le sujet (mais pour ce qui est de la demande ici-bas, l'avis vient d'un DG)

Au plaisir,

Benoit

From: Lavoie, Marilyne (EC) [mailto:marilyne.lavoie@canada.ca]
Sent: November-21-18 2:25 PM
To: Mayrand, Benoit; NCR Media RCN (DFO/MPO); Media_Relations / Media_Relations (NRCan/RNCan); Media Relations Medias
Cc: Media (EC); Petro, Veronica (EC); DL OTT AE MEDIA RELATIONS
Subject: RE: FOR DFO NRCAN AND TC CONFIRMATION ASAP: Déversement Terre-Neuve

Noté. Peux-tu m'expliquer brièvement ce qui tombe sous la responsabilité de DFO pour d'autres appels futurs?

Marilyne Lavoie
marilyne.lavoie@canada.ca | 819-938-3032

From: Mayrand, Benoit <Benoit.Mayrand@dfo-mpo.gc.ca>
Sent: November 21, 2018 2:03 PM
To: NCR Media RCN (DFO/MPO) <Media.XNCR@dfo-mpo.gc.ca>; Lavoie, Marilyne (EC) <marilyne.lavoie@canada.ca>; Media_Relations / Media_Relations (NRCan/RNCan) <NRCan.media_relations-media_relations.RNCan@canada.ca>; Media Relations Medias <media@tc.gc.ca>
Cc: Media (EC) <ec.media.ec@canada.ca>; Petro, Veronica (EC) <veronica.petro@canada.ca>; DL OTT AE MEDIA RELATIONS <DLOTTAEMEDIARELATIONS@tc.gc.ca>
Subject: RE: FOR DFO NRCAN AND TC CONFIRMATION ASAP: Déversement Terre-Neuve

Hi Marilyn,

Our program colleagues have informed us that oil pollution and drift prediction science would be an ECCC lead.

Thanks,

Benoit

From: NCR Media RCN (DFO/MPO)
Sent: November-21-18 1:09 PM

To: 'Lavoie, Marilyne (EC)'; Media_Relations / Media_Relations (NRCan/RNCan); Media Relations Medias; NCR Media RCN (DFO/MPO)

Cc: Media (EC); Petro, Veronica (EC); DL OTT AE MEDIA RELATIONS

Subject: RE: FOR DFO NRCAN AND TC CONFIRMATION ASAP: Déversement Terre-Neuve

Hi,

DFO is looking at this and we'll get back to you momentarily.

Thanks for your patience.

Benoit Mayrand

Communications Advisor | Conseiller en communications

Media Relations | Relations avec les médias

Fisheries, Oceans and the Canadian Coast Guard | Government of Canada

Pêches, Océans et la Garde côtière canadienne | Gouvernement du Canada

Tel : 613-993-9720

Benoit.Mayrand@dfo-mpo.gc.ca

From: Lavoie, Marilyne (EC) [<mailto:marilyne.lavoie@canada.ca>]

Sent: November-21-18 1:05 PM

To: Media_Relations / Media_Relations (NRCan/RNCan); Media Relations Medias; NCR Media RCN (DFO/MPO)

Cc: Media (EC); Petro, Veronica (EC); DL OTT AE MEDIA RELATIONS

Subject: RE: FOR DFO NRCAN AND TC CONFIRMATION ASAP: Déversement Terre-Neuve

NRCan has nothing to add, TC has referred. Once DFO confirms they are ok to refer, I will respond to the reporter. Merci

Marilyne Lavoie

marilyne.lavoie@canada.ca | 819-938-3032

From: Media_Relations / Media_Relations (NRCan/RNCan)

Sent: November 21, 2018 1:04 PM

To: Media Relations Medias <media@tc.gc.ca>; Lavoie, Marilyne (EC) <marilyne.lavoie@canada.ca>; Media.XNCR@dfo-mpo.gc.ca; Media_Relations / Media_Relations (NRCan/RNCan) <NRCan.media_relations-media_relations.RNCan@canada.ca>

Cc: Media (EC) <ec.media.ec@canada.ca>; Petro, Veronica (EC) <veronica.petro@canada.ca>; DL OTT AE MEDIA RELATIONS <DLOTTAEMEDIARELATIONS@tc.gc.ca>

Subject: RE: FOR DFO NRCAN AND TC CONFIRMATION ASAP: Déversement Terre-Neuve

Hi Marilyn,

We confirm that NRCan has nothing to add. Thanks for checking!

Best,

Catherine

From: Media Relations Medias <media@tc.gc.ca>

Sent: November 21, 2018 12:51 PM

To: Lavoie, Marilyne (EC) <marilyne.lavoie@canada.ca>; Media.XNCR@dfo-mpo.gc.ca; Media_Relations / Media_Relations (NRCan/RNCan) <NRCan.media_relations-media_relations.RNCan@canada.ca>

Cc: Media (EC) <ec.media.ec@canada.ca>; Petro, Veronica (EC) <veronica.petro@canada.ca>; DL OTT AE MEDIA RELATIONS <DLOTTAEMEDIARELATIONS@tc.gc.ca>

Subject: RE: FOR DFO NRCAN AND TC CONFIRMATION ASAP: Déversement Terre-Neuve

Good afternoon Marilyne,

We've been contacted by the same reporter with the following questions:

- Quelles ont été les interventions faites jusqu'à maintenant de la part de vos ministères concernant le déversement d'hydrocarbures de la plateforme South white rose en mer près de Terre-Neuve?
- Quelles leçons peut-on en tirer ou est-ce le moment de resserrer certaines règles de sécurité?
- La plateforme est-elle à nouveau en fonction?
- Quel a été l'impact sur l'environnement, la faune et la flore?
- Qu'a-t-on pu retirer jusqu'à maintenant en litres de pétrole?
- Jusqu'où les courants propagent le pétrole?

This was our response :

Pour obtenir des renseignements sur le déversement d'hydrocarbures du SeaRose FPSO, au large de Terre-Neuve, veuillez communiquer avec l'Office Canada-Terre-Neuve-et-Labrador des hydrocarbures extracôtiers, qui est responsable des enquêtes sur les déversements d'hydrocarbures en vertu de la *Loi de mise en œuvre de l'Accord atlantique Canada — Terre-Neuve-et-Labrador*.

Lesley Rideout, agente de communication, pourra vous éclairer. Vous pouvez la joindre au 709-778-4224 ou par courriel au lrideout@cnlopb.ca

Hope this helps.

Sau Sau Liu

A/Senior Communications Advisor, Media Relations | Conseillère principale en communications p.i., Relations aux médias

Transport Canada | Transports Canada
media@tc.gc.ca



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From: Lavoie, Marilyne (EC) [<mailto:marilyne.lavoie@canada.ca>]

Sent: Wednesday, November 21, 2018 9:10 AM

To: Media Relations Medias <media@tc.gc.ca>; Media.XNCR@dfo-mpo.gc.ca; Media_Relations / Media_Relations (NRCan/RNCan) <NRCan.media_relations-media_relations.RNCan@canada.ca>

Cc: Media (EC) <ec.media.ec@canada.ca>; Petro, Veronica (EC) <veronica.petro@canada.ca>; Joannette, Annie <annie.joannette@tc.gc.ca>

Subject: FOR DFO NRCan AND TC CONFIRMATION ASAP: Déversement Terre-Neuve

Importance: High

Bonjour,

Seeking confirmation from DFO, TC and NRCan that everyone has nothing to add to this media response. It has been approved on our side by both Canadian Wildlife Service (CWS) and Environmental Emergencies Division(Environmental Protection Branch) experts. Nous référons la journaliste à DFO pour ses questions concernant les courants.

Mes collègues des urgences environnementales ont suggéré de valider notre réponse auprès de DFO, NRCan et TC, donc un suivi de votre part dans les plus brefs délais serait apprécié étant donné que nous avons dépassé le deadline de la journaliste.

Merci,

Marilyne

PROPOSED RESPONSE

Environment and Climate Change Canada's National Environmental Emergencies Centre is aware of the incident near the White Rose Oil Field in Newfoundland and is actively supporting the Canada-Newfoundland Offshore Petroleum Board which is the lead agency for this specific situation.

Environment and Climate Change Canada (ECCC) is monitoring the situation closely and is providing additional scientific advice to the lead agency. ECCC support includes spill trajectory modelling as well as advice on how to deal with any issues concerning migratory birds in the area. ECCC takes all incidents that threaten the health and safety of Canadians and their environment very seriously. It takes action, provides support and advice as required to mitigate the impacts of these adverse incidents.

The birds are being taken to the Seabird Cleaning Rehabilitation Facility. The role of Environment and Climate Change Canada's (ECCC) Canadian Wildlife Service (CWS) associated with this facility is to provide authorization allowing the operator to be in possession of migratory birds and species at risk and implement standards of care provided to affected migratory birds and species at risk brought to the facility.

ECCC also maintains a functional relationship with authorized response organizations to advise on banding procedures, release sites for treated wildlife, and post-release monitoring strategies to improve the processes and criteria associated with emergency wildlife care.

The Canada-Newfoundland and Labrador Offshore Petroleum Board (C-NLOPB) is the Lead Agency for this situation and are the lead federal government agency which regulates offshore safety, environmental protection, resource management and industrial benefits.

Please contact C-NLOPB to arrange filming of the birds and for related interviews. Here is their contact information:

Lesley Rideout

Communications Lead

c. 709-725-2900

lrideout@cnlopb.ca

Nous vous invitons à contacter le Canada-Newfoundland Offshore Petroleum Board (CNLOPB) directement en ce qui concerne les activités de la plate-forme, l'enquête qui est cours, ainsi que les questions relatives aux règles de sécurité.

As the main primary regulator and Lead Agency, it is CNLOPB's duty to assess and validate volume release. In terms of clean-up, it is Husky Energy that is in charge of the clean-up as per the Polluter pay principal.

Les experts de Pêches et Océans Canada seront mieux positionnés pour répondre à vos questions concernant les courants. Vous pouvez les joindre par courriel à Media.XNCR@dfo-mpo.gc.ca ou par téléphone au 613-990-7537.

Marilyne Lavoie

Conseillère stratégique en relations avec les médias par intérim, Direction générale des communications
Environnement et Changement climatique Canada | Gouvernement du Canada
marilyne.lavoie@canada.ca | Tél. : 819-938-3032

Acting Strategic Media Relations Advisor, Communications Branch
Environment and Climate Change Canada | Government of Canada
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Relations avec les médias
Environnement et Changement climatique Canada | Gouvernement du Canada
ec.media.ec@canada.ca | Tél. : 819-938-3338 | Sans frais : 1-844-836-7799

Media Relations
Environment and Climate Change Canada | Government of Canada
ec.media.ec@canada.ca | Tel.: 819-938-3338 | Toll free: 1-844-836-7799

From: Lavoie, Marilyne (EC)
Sent: November 20, 2018 11:18 AM
To: 'media@tc.gc.ca' <media@tc.gc.ca>; 'Media.XNCR@dfo-mpo.gc.ca' <Media.XNCR@dfo-mpo.gc.ca>
Cc: Media (EC) <ec.media.ec@canada.ca>; Petro, Veronica (EC) <veronica.petro@canada.ca>
Subject: RE: Déversement Terre-Neuve

Bonjour TC and DFO colleagues,
Pouvez-vous m'indiquer si votre département travaille sur certaines réponses pour la demande ci-bas?
Je suis en train de faire la liaison avec nos collègues du centre national des urgences environnementales ici à ECCC, mais je ne crois pas que nous sommes le lead sur chacune des questions.

J'ai aussi confirmé à la journaliste que nous travaillons sur sa requête et que nous sommes en contact avec TC et DFO.
La tombée est Wednesday, November 21, 2018 at 10 a.m. ET.

Merci pour vos conseils, j'attends de vos nouvelles,

Marilyne

MEDIA

[REDACTED]
Le Radar

[REDACTED]
(418) 986-2345
[REDACTED]

REPORTER'S DEADLINE

Wednesday, November 21, 2018 at 10 a.m. ET

REQUEST RECEIVED DATE

November 20, 2018 8:43 AM

INTERVIEW REQUESTED

NO

CONTEXT AND QUESTIONS

« Quelles ont été les interventions faites jusqu'à maintenant de la part de vos ministères concernant le déversement d'hydrocarbures de la plateforme South white rose en mer près de Terre-Neuve?
Quelles leçons peut-on en tirer ou est-ce le moment de resserrer certaines règles de sécurité?
La plateforme est-elle à nouveau en fonction?
Quel a été l'impact sur l'environnement, la faune et la flore?
Qu'a-t-on pu retirer jusqu'à maintenant en litres de pétrole?
Jusqu'où les courants propagent le pétrole? »

Marilyne Lavoie

Conseillère stratégique en relations avec les médias par intérim, Direction générale des communications
Environnement et Changement climatique Canada | Gouvernement du Canada
marilyne.lavoie@canada.ca | Tél. : 819-938-3032

Acting Strategic Media Relations Advisor, Communications Branch
Environment and Climate Change Canada | Government of Canada
marilyne.lavoie@canada.ca | Tel.: 819-938-3032

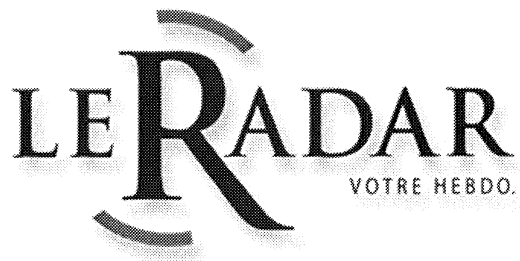
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ec.media.ec@canada.ca | Tél. : 819-938-3338 | Sans frais : 1-844-836-7799

Media Relations
Environment and Climate Change Canada | Government of Canada
ec.media.ec@canada.ca | Tel.: 819-938-3338 | Toll free: 1-844-836-7799

From: [REDACTED]
Sent: November 20, 2018 8:43 AM
To: Media Relations Medias <Media@tc.gc.ca>; media.gc@dfp-mpo.gc.ca; Media (EC) <ec.media.ec@canada.ca>
Subject: Déversement Terre-Neuve

Bonjour!
Quelles ont été les interventions faites jusqu'à maintenant de la part de vos ministères concernant le déversement d'hydrocarbures de la plateforme South white rose en mer près de Terre-Neuve?
Quelles leçons peut-on en tirer ou est-ce le moment de resserrer certaines règles de sécurité?
La plateforme est-elle à nouveau en fonction?
Quel a été l'impact sur l'environnement, la faune et la flore?
Qu'a-t-on pu retirer jusqu'à maintenant en litres de pétrole?
Jusqu'où les courants propagent le pétrole?

Merci de votre suivi.



[REDACTED]
110, Chemin Gros Cap,
C.P. 8183, Cap-aux-Meules,
Îles-de-la-Madeleine, Québec,
G4T 1R3

Téléphone : [REDACTED]

Cellulaire: [REDACTED]
[REDACTED]

www.leradar.qc.ca

Pensons à l'environnement - Est-ce vraiment utile d'imprimer ce courriel ?

From: Davidson, Fraser
To: Lewis, Sara J
Subject: Re: MEDIA REQUEST - FOR DFO NRCAN AND TC CONFIRMATION ASAP: Déversement Terre-Neuve [URGENT RESPONSE REQUIRED]
Date: Wednesday, November 21, 2018 9:07:04 PM
Attachments: image002.png
image003.png

Ok will do
F

Sent from my Bell Samsung device over Canada's largest network.

----- Original message -----

From: "Lewis, Sara J" <Sara.Lewis@dfo-mpo.gc.ca>
Date: 2018-11-21 4:35 PM (GMT-04:00)
To: "Davidson, Fraser" <Fraser.Davidson@dfo-mpo.gc.ca>
Subject: Fw: MEDIA REQUEST - FOR DFO NRCAN AND TC CONFIRMATION ASAP: Déversement Terre-Neuve [URGENT RESPONSE REQUIRED]

Hi Fraser

Please ensure that I am included in these types of conversations.

Thanks
Sara

Sent from my BlackBerry 10 smartphone on the Bell network.

From: Mansour, Atef A H <Atef.Mansour@dfo-mpo.gc.ca>
Sent: Wednesday, November 21, 2018 3:57 PM
To: Davidson, Fraser
Cc: Lewis, Sara J; McCallum, Barry; Duff, Jennifer L; Lontoc-Roy, Melinda
Subject: RE: MEDIA REQUEST - FOR DFO NRCAN AND TC CONFIRMATION ASAP: Déversement Terre-Neuve [URGENT RESPONSE REQUIRED]

Hi Fraser,

Considering that ECCC is the lead organization on this file and we have to work with NCR and Quebec region on this and others like COOGER,

We asked Communications to take the lead on it.

Thanks,
Atef

Dr. Atef A.H. Mansour

Division Manager, Environmental Sciences Division
Newfoundland and Labrador Region
Fisheries and Oceans Canada / Government of Canada
atef.mansour@dfo-mpo.gc.ca / Tel: 709-772-4133

Gestionnaire de division, Division des sciences environnementales
La Région de Terre-Neuve-et-Labrador
Pêches et Océans Canada / Gouvernement du Canada
atef.mansour@dfo-mpo.gc.ca / Tél. : 709-772-4133



Government
of Canada

Gouvernement
du Canada

Canada

From: Davidson, Fraser

Sent: November-21-18 3:16 PM

To: Uriarte, Steven; Sayavong, Boumy; Janidlo, Alison; Mansour, Atef A H

Cc: Seguin, Natalie; Lontoc-Roy, Melinda; Duff, Jennifer L

Subject: Re: MEDIA REQUEST - FOR DFO NRCAN AND TC CONFIRMATION ASAP: Déversement Terre-Neuve [URGENT RESPONSE REQUIRED]

Hi Steven

Drifter observations at 15 m depth we had deployed in 2015 and 2016 suggest
A potential transport time from the nose of the grand banks to the entrance of Cabot strait of 8
months. However most drifters going through the nose area tend to head eastwards once they
reach the tail of the grandbanks.

That being said this is only for transport of a passive particle real oil will weather and
degrade overtime . The COOGER group at bio may comment on the weathering process of the
oil.

Regards

Fraser

I can send pictures of a tracks of drifters if needed and appropriate

Sent from my Bell Samsung device over Canada's largest network

----- Original message -----

From: "Uriarte, Steven" <Steven.Uriarte@dfo-mpo.gc.ca>

Date: 2018-11-21 1:53 PM (GMT-04:00)

To: "Sayavong, Boumy" <Boumy.Sayavong@dfo-mpo.gc.ca>, "Janidlo, Alison"
<Alison.Janidlo@dfo-mpo.gc.ca>, "Davidson, Fraser" <Fraser.Davidson@dfo-mpo.gc.ca>,
"Mansour, Atef A H" <Atef.Mansour@dfo-mpo.gc.ca>

Cc: "Seguin, Natalie" <Natalie.Seguin@dfo-mpo.gc.ca>, "Lontoc-Roy, Melinda"
<Melinda.Lontoc-Roy@dfo-mpo.gc.ca>

Subject: RE: MEDIA REQUEST - FOR DFO NRCAN AND TC CONFIRMATION ASAP:
Déversement Terre-Neuve [URGENT RESPONSE REQUIRED]

Thanks, Boumy.

[REDACTED] I'm cc'ing Melinda Lontoc-Roy [REDACTED]
[REDACTED]

Fraser and Atef, could you please provide a concise response to the question in my preceding message.

Many thanks,

Steven

From: Sayavong, Boumy
Sent: November-21-18 12:49 PM
To: Uriarte, Steven; Janidlo, Alison
Cc: Seguin, Natalie; Davidson, Fraser; Mansour, Atef A H; Lennon, Keith
Subject: RE: MEDIA REQUEST - FOR DFO NRCAN AND TC CONFIRMATION ASAP: Déversement Terre-Neuve [URGENT RESPONSE REQUIRED]

Hi Steven,

The best person to contact in Newfoundland would be Fraser Davidson and Atef Mansour for ocean modelling.

From NHQ contact Keith Lennon, director of Oceans and Climate Change Science.

Boumy

From: Uriarte, Steven
Sent: November-21-18 12:44 PM
To: Sayavong, Boumy <Boumy.Sayavong@dfo-mpo.gc.ca>; Janidlo, Alison <Alison.Janidlo@dfo-mpo.gc.ca>
Cc: Seguin, Natalie <Natalie.Seguin@dfo-mpo.gc.ca>
Subject: FW: MEDIA REQUEST - FOR DFO NRCAN AND TC CONFIRMATION ASAP: Déversement Terre-Neuve [URGENT RESPONSE REQUIRED]
Importance: High

Good afternoon,

We received a media enquiry on the Newfoundland oil spill, including a question about how far ocean currents can cause oil to spread (« Jusqu'où les courants propagent le pétrole? »).

A partial response to the enquiry has been developed (see below), but we still need input to respond to the question on ocean currents and the spread of oil.

Could you please point us in the right direction (e.g. a contact at COOGER or the NL Region) to obtain an answer.

An urgent response is required, as the reporter's deadline has already passed.

Thanks,

Steven

From: Mayrand, Benoit
Sent: November-21-18 12:28 PM
To: Stanek, Frank; Seguin, Natalie
Cc: Saindon, Carole; Chow, Vance; Eatmon, Keegan; Smith, Fiona; Salem, Ann-Margaret; NCR Media RCN (DFO/MPO)
Subject: FW: FOR DFO NRCAN AND TC CONFIRMATION ASAP: Déversement Terre-Neuve
Importance: High

Hi Frank, Natalie,

Please see the proposed response from EC to Le Radar. One questions would be differed to DFO:

- « Jusqu'où les courants propagent le pétrole? »

Natalie, let me know if I should defer this to the region

Frank, please confirm we are good with the response.

Thanks

Benoit Mayrand

Communications Advisor | Conseiller en communications
Media Relations | Relations avec les médias
Fisheries, Oceans and the Canadian Coast Guard | Government of Canada
Pêches, Océans et la Garde côtière canadienne | Gouvernement du Canada
Tel : 613-993-9720
Benoit.Mayrand@dfo-mpo.gc.ca

From: Lavoie, Marilyne (EC) [<mailto:marilyne.lavoie@canada.ca>]
Sent: November-21-18 12:10 PM
To: media@tc.gc.ca; NCR Media RCN (DFO/MPO); Media_Relations / Media_Relations (NRCan/RNCan)
Cc: Media (EC); Petro, Veronica (EC); annie.joannette@tc.gc.ca
Subject: FOR DFO NRCAN AND TC CONFIRMATION ASAP: Déversement Terre-Neuve
Importance: High

Bonjour,

Seeking confirmation from DFO, TC and NRCan that everyone has nothing to add to this media response. It has been approved on our side by both Canadian Wildlife Service (CWS) and Environmental Emergencies Division(Environmental Protection Branch) experts. Nous référons la journaliste à DFO pour ses questions concernant les courants.

Mes collègues des urgences environnementales ont suggéré de valider notre réponse auprès de DFO,

NRCan et TC, donc un suivi de votre part dans les plus brefs délais serait apprécié étant donné que nous avons dépassé le deadline de la journaliste.

Merci,

Marilyne

PROPOSED RESPONSE

Environment and Climate Change Canada's National Environmental Emergencies Centre is aware of the incident near the White Rose Oil Field in Newfoundland and is actively supporting the Canada-Newfoundland Offshore Petroleum Board which is the lead agency for this specific situation.

Environment and Climate Change Canada (ECCC) is monitoring the situation closely and is providing additional scientific advice to the lead agency. ECCC support includes spill trajectory modelling as well as advice on how to deal with any issues concerning migratory birds in the area. ECCC takes all incidents that threaten the health and safety of Canadians and their environment very seriously. It takes action, provides support and advice as required to mitigate the impacts of these adverse incidents.

The birds are being taken to the Seabird Cleaning Rehabilitation Facility. The role of Environment and Climate Change Canada's (ECCC) Canadian Wildlife Service (CWS) associated with this facility is to provide authorization allowing the operator to be in possession of migratory birds and species at risk and implement standards of care provided to affected migratory birds and species at risk brought to the facility.

ECCC also maintains a functional relationship with authorized response organizations to advise on banding procedures, release sites for treated wildlife, and post-release monitoring strategies to improve the processes and criteria associated with emergency wildlife care.

The Canada-Newfoundland and Labrador Offshore Petroleum Board (C-NLOPB) is the Lead Agency for this situation and are the lead federal government agency which regulates offshore safety, environmental protection, resource management and industrial benefits.

Please contact C-NLOPB to arrange filming of the birds and for related interviews. Here is their contact information.

Lesley Rideout

Communications Lead

c. 709-725-2900

Lrideout@cnlopb.ca

Nous vous invitons à contacter le Canada-Newfoundland Offshore Petroleum Board (CNLOPB) directement en ce qui concerne les activités de la plate-forme, l'enquête qui est cours, ainsi que les questions relatives aux règles de sécurité. As the main primary regulator and Lead Agency, it is CNLOPB's duty to assess and validate volume release. In terms of clean-up, it is Husky Energy that is in charge of the clean-up as per the Polluter pay principal.

Les experts de Pêches et Océans Canada seront mieux positionnés pour répondre à vos questions concernant les courants. Vous pouvez les joindre par courriel à Media.XNCR@dfo-mpo.gc.ca ou par téléphone au 613-990-7537.

Marilyne Lavoie

Conseillère stratégique en relations avec les médias par intérim, Direction générale des communications

Environnement et Changement climatique Canada | Gouvernement du Canada

marilyne.lavoie@canada.ca | Tél. : 819-938-3032

Acting Strategic Media Relations Advisor, Communications Branch
Environment and Climate Change Canada | Government of Canada
marilyne.lavoie@canada.ca | Tel.: 819-938-3032

Relations avec les médias
Environnement et Changement climatique Canada | Gouvernement du Canada
ec.media.ec@canada.ca | Tél. : 819-938-3338 | Sans frais : 1-844-836-7799

Media Relations
Environment and Climate Change Canada | Government of Canada
ec.media.ec@canada.ca | Tel.: 819-938-3338 | Toll free: 1-844-836-7799

From: Lavoie, Marilyne (EC)

Sent: November 20, 2018 11:18 AM

To: 'media@tc.gc.ca' <media@tc.gc.ca>; 'Media.XNCR@dfo-mpo.gc.ca' <Media.XNCR@dfo-mpo.gc.ca>

Cc: Media (EC) <ec.media.ec@canada.ca>; Petro, Veronica (EC) <veronica.petro@canada.ca>

Subject: RE: Déversement Terre-Neuve

Bonjour TC and DFO colleagues,

Pouvez-vous m'indiquer si votre département travaille sur certaines réponses pour la demande ci-bas?

Je suis en train de faire la liaison avec nos collègues du centre national des urgences environnementales ici à ECCC, mais je ne crois pas que nous sommes le lead sur chacune des questions.

J'ai aussi confirmé à la journaliste que nous travaillons sur sa requête et que nous sommes en contact avec TC et DFO.

La tombée est Wednesday, November 21, 2018 at 10 a.m. ET.

Merci pour vos conseils, j'attends de vos nouvelles,

Marilyne

MEDIA

s.19(1)

Le Radar

REPORTER'S DEADLINE

Wednesday, November 21, 2018 at 10 a.m. ET

REQUEST RECEIVED DATE

s.19(1)

November 20, 2018 8:43 AM

INTERVIEW REQUESTED

NO

CONTEXT AND QUESTIONS

« Quelles ont été les interventions faites jusqu'à maintenant de la part de vos ministères concernant le déversement d'hydrocarbures de la plateforme South white rose en mer près de Terre-Neuve? Quelles leçons peut-on en tirer ou est-ce le moment de resserrer certaines règles de sécurité? La plateforme est-elle à nouveau en fonction? Quel a été l'impact sur l'environnement, la faune et la flore? Qu'a-t-on pu retirer jusqu'à maintenant en litres de pétrole? Jusqu'où les courants propagent le pétrole? »

Marilyne Lavoie

Conseillère stratégique en relations avec les médias par intérim, Direction générale des communications

Environnement et Changement climatique Canada | Gouvernement du Canada
marilyne.lavoie@canada.ca | Tél. : 819-938-3032

Acting Strategic Media Relations Advisor, Communications Branch
Environment and Climate Change Canada | Government of Canada
marilyne.lavoie@canada.ca | Tel.: 819-938-3032

Relations avec les médias

Environnement et Changement climatique Canada | Gouvernement du Canada
ec.media.ec@canada.ca | Tél. : 819-938-3338 | Sans frais : 1-844-836-7799

Media Relations

Environment and Climate Change Canada | Government of Canada
ec.media.ec@canada.ca | Tel.: 819-938-3338 | Toll free: 1-844-836-7799

From: [REDACTED]

Sent: November 20, 2018 8.43 AM

To: Media Relations Medias <Media@tc.gc.ca>; media.qc@dfo-mpo.gc.ca; Media (EC) <ec.media.ec@canada.ca>

Subject: Déversement Terre-Neuve

Bonjour!

Quelles ont été les interventions faites jusqu'à maintenant de la part de vos ministères concernant le déversement d'hydrocarbures de la plateforme South white rose en mer près de Terre-Neuve?

Quelles leçons peut-on en tirer ou est-ce le moment de resserrer certaines règles de sécurité?

La plateforme est-elle à nouveau en fonction?

Quel a été l'impact sur l'environnement, la faune et la flore?

Qu'a-t-on pu retirer jusqu'à maintenant en litres de pétrole?

Jusqu'où les courants propagent le pétrole?

Merci de votre suivi.



[REDACTED]
110, Chemin Gros Cap,
C.P. 8183, Cap-aux-Meules,
Iles-de-la-Madeleine, Québec,
G4T 1R3

Téléphone [REDACTED]

Cellulaire. [REDACTED]
[REDACTED]

www.leradar.qc.ca

Pensons à l'environnement - Est-ce vraiment utile d'imprimer ce courriel ?

**Pages 635 to / à 639
are duplicates of
sont des duplicatas des
pages 683 to / à 687**

Collins, Natasha

From: Burley, Dave <DBurley@cnlopb.ca>
Sent: November-21-18 4:58 PM
To: 'CNUE / NEEC (EC)'; EC.F CNUE / NEEC F.EC; ERDutyOfficer / AgentsdeserviceaffectésàIE (DFO/MPO); tcmsdutyofficer@tc.gc.ca; clement.murphy@tc.gc.ca; CRAIG.LUEDEE@forces.gc.ca; EED Duty Atlantic; dfo.fpp.nl / ppp.t-n-e-l.mpo (DFO/MPO); Gagnon2, Della (PS/SP); Haring, Peter (Ext.); Harris, Paul (EC); Kennell, Gary (EC); shelleymoores@gov.nl.ca; EC.F EB-WED-ATL F.EC; XNFL-GRP_Environmental Incident Reports; 'rlocke@gov.nl.ca'; EC.O Agents de service SUST / ESTS Duty Officers O.EC; Wright, Michelle (EC); Holland, Krista (EC); 'paulmolloy@gov.nl.ca'; Okeefe, Jeff; Taylor, Ken; Rideout, Lesley; Young, Elizabeth; Pollution Reports Service NL (pollutionreports@gov.nl.ca)
Subject: RE: Invitation to attend an Environmental Emergencies Science Table for the White Rose Oil Field spill which occurred on November 16, 2018

Follow Up Flag: Follow up
Flag Status: Completed

PATH SAPH NO: 18-HNFL-00825

Hello all:

For those of you who are in the general St. John's area, you are welcome to join us in person for the call at the C-NLOPB offices in TD Place on Water Street.

For those who plan to do so, note that our Water Street level reception desk will not be operating tomorrow, so please endeavour to arrive at least 10-15 minutes prior to the scheduled call time (noting the occasional difficulties with downtown parking) and we will bring you all to the meeting room then. If you are unavoidably later than that, call me at [REDACTED] once you are in the Water Street lobby and someone will fetch you as soon as feasible.

Regards
 DaveB

-----Original Appointment-----

From: CNUE / NEEC (EC) [mailto:ec.cnue-neec.ec@canada.ca]
Sent: Wednesday, November 21, 2018 3:44 PM
To: EC.F CNUE / NEEC F.EC; ' '; tcmsdutyofficer@tc.gc.ca; clement.murphy@tc.gc.ca; CRAIG.LUEDEE@forces.gc.ca; EED Duty Atlantic; FPP.XNFL@dfo-mpo.gc.ca; Gagnon2, Della (PS/SP); Haring, Peter (Ext.); Harris, Paul (EC); Kennell, Gary (EC); shelleymoores@gov.nl.ca; EC.F EB-WED-ATL F.EC; XNFLEnvironmentalIncidentReports@dfo-mpo.gc.ca; 'rlocke@gov.nl.ca'; EC.O Agents de service SUST / ESTS Duty Officers O.EC; Wright, Michelle (EC); Holland, Krista (EC); 'paulmolloy@gov.nl.ca'; Okeefe, Jeff; Burley, Dave; Taylor, Ken; Rideout, Lesley; Young, Elizabeth; Pollution Reports Service NL (pollutionreports@gov.nl.ca)
Subject: Invitation to attend an Environmental Emergencies Science Table for the White Rose Oil Field spill wich occurred on November 16, 2018
When: Thursday, November 22, 2018 2:00 PM-3:00 PM (UTC-05:00) Eastern Time (US & Canada).
Where: teleconference: 1-877-413-4792 [REDACTED]
Importance: High

Hi folks you are invited to attend an Environmental Emergencies Science Table, to ensure all stakeholders are briefed on the current situation and possible issues moving forward. Attached is an initial draft agenda, if there are others who should be in attendance please forward to them as needed. This meeting will be at a high level for identification of possible issues and strategies to deal with them not the actual detailed tactics. The Lead Agency, the Canada - Newfoundland and Labrador Offshore Petroleum Board will provide an overview of the incident and present status. Please be prepared to speak to your mandate as required.

Graham Thomas

Senior Officer, Preparedness and Response - Atlantic National Environmental Emergencies Centre (NEEC) - Mount Pearl
Office Environmental Protection Operations Directorate Environment and Climate Change Canada / Government of
Canada graham.thomas@canada.ca<<mailto:graham.thomas@canada.ca>> / Tel: 709-772-4285 / Cell [REDACTED]
Emergencies 24/7 : 1-866-283-2333

Agent principal, Préparation et intervention - Atlantique Centre national des urgences environnementales (CNUE) -
Bureau de Mount Pearl Direction des activités de protection de l'environnement Environnement et Changement
climatique Canada / Gouvernement du Canada graham.thomas@canada.ca<<mailto:graham.thomas@canada.ca>> / Tél. :
709-772-4285 / Cell : [REDACTED] / Urgences 24/7 : 1-866-283-2333

<< File: ST#1_Agenda_Nov 22, 2018.docx >>

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Page 642

**is withheld pursuant to sections
est retenue en vertu des articles**

19(1), 24(1)

**of the Access to Information Act
de la Loi sur l'accès à l'information**

Pages 643 to / à 644
are withheld pursuant to section
sont retenues en vertu de l'article

24(1)

of the Access to Information Act
de la Loi sur l'accès à l'information

**Pages 645 to / à 657
are withheld pursuant to sections
sont retenues en vertu des articles**

20(1)(b), 24(1)

**of the Access to Information Act
de la Loi sur l'accès à l'information**

Page 658

**is withheld pursuant to sections
est retenue en vertu des articles**

19(1), 24(1)

**of the Access to Information Act
de la Loi sur l'accès à l'information**

**Pages 659 to / à 672
are withheld pursuant to section
sont retenues en vertu de l'article**

24(1)

**of the Access to Information Act
de la Loi sur l'accès à l'information**

Page 673

**is withheld pursuant to sections
est retenue en vertu des articles**

19(1), 24(1)

**of the Access to Information Act
de la Loi sur l'accès à l'information**

Page 674

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est retenue en vertu de l'article**

24(1)

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de la Loi sur l'accès à l'information**

**Pages 675 to / à 676
are withheld pursuant to sections
sont retenues en vertu des articles**

19(1), 24(1)

**of the Access to Information Act
de la Loi sur l'accès à l'information**

From: Warner, Kerri (EC)
To: Marcotte, Guillaume (EC); Davidson, Fraser
Cc: Holden, Jennifer; Babalola, Samuel; Pellerin, Pierre (EC); Sutherland, Graigory (EC); Blanken, Hauke; Smith2, Gregory (EC); Pestieau, Paul (EC); Bourgault-Brunelle, Corinne; Pernica, Patricia
Subject: RE: HuskySpill ?
Date: Wednesday, November 21, 2018 10:55:39 AM

Hi Guillaume,

Of the images Operations has – no spills were spotted. This could be due to the sea state.

Additional images have been ordered and they will be keeping a close watch I will let you know if it is detected in the imagery.

Thanks!

-Kerri

From: Marcotte, Guillaume (EC)
Sent: November 21, 2018 8:27 AM
To: Davidson, Fraser; Warner, Kerri (EC)
Cc: Holden, Jennifer; Babalola, Samuel; Pellerin, Pierre (EC); Sutherland, Graigory (EC); Blanken, Hauke; Smith2, Gregory (EC); Pestieau, Paul (EC); Bourgault-Brunelle, Corinne; Pernica, Patricia
Subject: RE: HuskySpill ?

Hi Fraser,

We were contacted for the WhiteRose oil platform spill, I was not aware that there was another one.

Kerri, do you know if ISTOP has satellite images related to oil platform in the past few days?

Thanks,

Guillaume

De : Davidson, Fraser [mailto:Fraser.Davidson@dfo-mpo.gc.ca]
Envoyé : 21 November 2018 5:39
À : Marcotte, Guillaume (EC)
Cc : Holden, Jennifer; Babalola, Samuel; Pellerin, Pierre (EC); Sutherland, Graigory (EC); Blanken, Hauke; Smith2, Gregory (EC); Pestieau, Paul (EC); Bourgault-Brunelle, Corinne; Pernica, Patricia
Objet : HuskySpill ?

Hi Guillaume

Was COSMOS contact for the following spill?

Fraser

<https://www.cbc.ca/news/canada/newfoundland-labrador/newfoundland-tanks-oil-spill-husky-1.4909859>

PS: Apparently drifters were deployed...

we want that data along with any spill tracking by satellite if it was done

Spill occurred in heavy sea state so maybe was dispersed quickly.

Fraser JM Davidson

Research Scientist, Physical Oceanography
Oceanography Section

Fraser JM Davidson

Chercheur, Oceanographie Physique
Section Oceanographie

DFO-NAFC, 80 East White hills Rd.

P.O. Box 5667, St. John's, NL. A1C 5X1

Tel: **709-772-2418** Fax: 709-772-5315 **Fraser.Davidson@dfo-mpo.gc.ca**

From: Davidson, Fraser
To: Marcotte, Guillaume (EC); Warner, Kerri (EC)
Cc: Holden, Jennifer; Babalola, Samuel; Pellerin, Pierre (EC); Sutherland, Graigory (EC); Blanken, Hauke; Smith2, Gregory (EC); Pestieau, Paul (EC); Bourgault-Brunelle, Corinne; Pernica, Patricia
Subject: Re: HuskySpill ?
Date: Wednesday, November 21, 2018 9:59:20 AM

Yes it's the white rose spill just one
F

Sent from my Bell Samsung device over Canada's largest network.

----- Original message -----

From: "Marcotte, Guillaume (EC)" <guillaume.marcotte@canada.ca>
Date: 2018-11-21 9:26 AM (GMT-04:00)
To: "Davidson, Fraser" <Fraser.Davidson@dfo-mpo.gc.ca>, "Warner, Kerri (EC)" <kerri.warner@canada.ca>
Cc: "Holden, Jennifer" <Jennifer.Holden@dfo-mpo.gc.ca>, "Babalola, Samuel" <Samuel.Babalola@dfo-mpo.gc.ca>, "Pellerin, Pierre (EC)" <pierre.pellerin@canada.ca>, "Sutherland, Graigory (EC)" <gragory.sutherland@canada.ca>, "Blanken, Hauke" <Hauke.Blanken@dfo-mpo.gc.ca>, "Smith2, Gregory (EC)" <gregory.smith2@canada.ca>, "Pestieau, Paul (EC)" <paul.pestieau@canada.ca>, "Bourgault-Brunelle, Corinne" <Corinne.Bourgault-Brunelle@dfo-mpo.gc.ca>, "Pernica, Patricia" <Patricia.Pernica@dfo-mpo.gc.ca>
Subject: RE: HuskySpill ?

Hi Fraser,

We were contacted for the WhiteRose oil platform spill, I was not aware that there was another one.

Kerri, do you know if ISTOP has satellite images related to oil platform in the past few days?

Thanks,

Guillaume

De : Davidson, Fraser [mailto:Fraser.Davidson@dfo-mpo.gc.ca]
Envoyé : 21 November 2018 5:39
À : Marcotte, Guillaume (EC)
Cc : Holden, Jennifer; Babalola, Samuel; Pellerin, Pierre (EC); Sutherland, Graigory (EC); Blanken, Hauke; Smith2, Gregory (EC); Pestieau, Paul (EC); Bourgault-Brunelle, Corinne; Pernica, Patricia
Objet : HuskySpill ?

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Fraser

<https://www.cbc.ca/news/canada/newfoundland-labrador/newfoundland-tanks-oil-spill-husky-1.4909859>

PS: Apparently drifters were deployed...

we want that data along with any spill tracking by satellite if it was done

Spill occurred in heavy sea state so maybe was dispersed quickly.

Fraser JM Davidson

Research Scientist, Physical Oceanography
Oceanography Section

Fraser JM Davidson

Chercheur, Oceanographie Physique
Section Oceanographie

DFO-NAFC, 80 East White hills Rd.

P.O. Box 5667, St. John's, NL. A1C 5X1

Tel: **709-772-2418** Fax: 709-772-5315 Fraser.Davidson@dfo-mpo.gc.ca

Pages 681 to / à 682

are duplicates

sont des duplicatas

Fennelly, Stephanie

From: Yard, David C
Sent: Wednesday, November 21, 2018 10:43 AM
To: Thomas, Graham (EC)
Subject: RE: Update 3: Oil slick from Searose Floating Production Storage and Offloading Vessel (FPSO) at White Rose Oil field, NL

Thanks Graham

David Yard
 Superintendent Environmental Response
 Surintendant Intervention Environnementale
 CCG Atlantic/GCC Atlantique
 (709) 772-6338
 [REDACTED] blackberry
David.Yard@dfo-mpo.gc.ca

From: Thomas, Graham (EC) [<mailto:graham.thomas@canada.ca>]
Sent: November-21-18 10:25 AM
To: XNFL-GRP_Environmental Incident Reports; Gagnon2, Della (PS/SP); Moores, Shelley (shelleymoore@gov.nl.ca); ERDutyOfficer / AgentsdeserviceaffectésàIE (DFO/MPO); Pretty, John (EC); Harris, Paul (EC); Kennell, Gary (EC); 'clement.murphy@tc.gc.ca'; dfo.fpp.nl / ppp.t-n-e-l.mpo (DFO/MPO); tcmsdutyofficer@tc.gc.ca; EC.F EB-WED-ATL F.EC
Subject: Update 3: Oil slick from Searose Floating Production Storage and Offloading Vessel (FPSO) at White Rose Oil field, NL

Hi folks it has just come to my attention you may not have received our NEEC Advisory and associated updates. You will be added to the distribution list going forward.

Graham Thomas

Senior Officer, Preparedness and Response – Atlantic
 National Environmental Emergencies Centre (NEEC) - Mount Pearl Office
 Environmental Protection Operations Directorate
 Environment and Climate Change Canada / Government of Canada
graham.thomas@canada.ca / Tel: 709-772-4285 / Cell : [REDACTED] / **Emergencies 24/7 : 1-866-283-2333**

Agent principal, Préparation et intervention – Atlantique
 Centre national des urgences environnementales (CNUE) - Bureau de Mount Pearl
 Direction des activités de protection de l'environnement
 Environnement et Changement climatique Canada / Gouvernement du Canada
graham.thomas@canada.ca / Tél. : 709-772-4285 / Cell : [REDACTED] / **Urgences 24/7 : 1-866-283-2333**

From: CNUE / NEEC (EC)
Sent: November 20, 2018 5:06 PM
To: Taylor, Mary (EC)
Cc: 'osr@cnlopb.nl.ca'; 'pollutionreports@gov.nl.ca'; Corkum, Jeffrey (EC); 'CSSPClosure'; Donaldson, Garry (EC); ec.dalf-atl-wed-atl.ec@canada.ca; EC.F WPM-ATL [Atlantic Region] F.EC; EC.O COMM REGIONS ATL_QC / COMM ATL_QC O.EC; EnforcementDuty (EC); Friesen, York (EC); Gjerdrum, Carina (EC); Gordon, Heather (EC); Mercer, Geoff (EC); Robichaud, Robert (EC); Ronconi, Robert (EC); SQEM Atlantique / MWQM Atlantic (EC); Whittam, Becky (EC); Wilhelm, Sabina (EC);

Worthman, Glenn (EC); EC.F MINO ALL F.EC; EC.F NEEC_EC_Partners F.EC; EC.F NEEC_EC_Senior_Mgmt F.EC; EC.F PUE / EEP F.EC; 'CANUTEC (CANUTEC@tc.gc.ca)'; DEOC, COUM (NRCan/RNCan); 'Dominique Blanchard'; GOC / COG (PS/SP); HPOC-COPS, PHAC-ASPC (PHAC/ASPC); 'Janice Pillon'; 'josee.lamoureux@tc.gc.ca'; 'louis.armstrong@tc.gc.ca'; EARMAtI / MARTAtI (EC); EARMCen / MARTCen (EC); PNSACEN, NASPCEN (Ext.); PNSAPAC, NASPPAC (Ext.); Ext-PCH, NCC-CCN (Ext.); Gestion des urgences-bureau régional Québec / Emergency Management-Quebec Regional Office (PS/SP); 'Santé Canada - Emergency (cepru@hc-sc.gc.ca)'; 'Transport Canada (sitcen@tc.gc.ca)'

Subject: RE: Update 3: Oil slick from Searose Floating Production Storage and Offloading Vessel (FPSO) at White Rose Oil field, NL

NEEC Update 3: November 20, 2018

- Canada – Newfoundland and Labrador Offshore Petroleum Board (C-NLOPB) on November 18, 2018 announced they are beginning a formal investigation into the root cause of incident.
- Husky Energy has reported in their media releases the volume of the incident was estimated to be 250 cubic metres of White Rose crude. This is only an estimate, the exact volume will be determined through the incident investigation.
- Aerial surveys today with trained federal government staff on board did not observe any oil on the surface, this is the second day in a row without any surface oil being seen.
- Three captured oiled marine birds are being transferred to a rehabilitation center in St. John's, NL today for assessment by trained professionals.
- ECCC-CWS staff are working with Husky Energy and the C-NLOPB to monitor all reports of oiled marine birds to try and ensure observations are accurately reported to government and the public.
- ECCC-CWS took part in an aerial surveys for wildlife impacted or at risk in the general area of the incident.
- ECCC-CWS staff will be deployed to work with Husky Energy staff to further design and plan surveys to ensure accurate data is collected.
- Husky Energy conducted a survey yesterday November 19, 2018 using a remotely operated vehicle of the suspected source, data from that survey is being reviewed by the C-NLOPB.
- Media attention remains high.

Graham Thomas

Senior Officer, Preparedness and Response – Atlantic
National Environmental Emergencies Centre (NEEC) - Mount Pearl Office
Environmental Protection Operations Directorate
Environment and Climate Change Canada / Government of Canada
graham.thomas@canada.ca / Tel: 709-772-4285 / Cell : [REDACTED] / Emergencies 24/7 : 1-866-283-2333

Agent principal, Préparation et intervention – Atlantique
Centre national des urgences environnementales (CNUE) - Bureau de Mount Pearl
Direction des activités de protection de l'environnement
Environnement et Changement climatique Canada / Gouvernement du Canada
graham.thomas@canada.ca / Tél. : 709-772-4285 / Cell : [REDACTED] / Urgences 24/7 : 1-866-283-2333

s.16(2)

From: CNUE / NEEC (EC)

Sent: November 19, 2018 3:05 PM

To: Taylor, Mary (EC)

Cc: 'osr@cnlopb.nl.ca'; pollutionreports@gov.nl.ca; Corkum, Jeffrey (EC); CSSPClosure; Donaldson, Garry (EC); ec.dalf-atl-wed-atl.ec; EC.F WPM-ATL [Atlantic Region] F.EC; EC.O COMM REGIONS ATL_QC / COMM ATL_QC O.EC; EnforcementDuty (EC); Friesen, York (EC); Gjerdrum, Carina (EC); Gordon, Heather (EC); Mercer, Geoff (EC); Robichaud, Robert (EC); Ronconi, Robert (EC); SQEM Atlantique / MWQM Atlantic (EC); Whittam, Becky (EC); Wilhelm, Sabina (EC); Worthman, Glenn (EC); EC.F MINO ALL F.EC; EC.F NEEC_EC_Partners F.EC; EC.F NEEC_EC_Senior_Mgmt F.EC; EC.F PUE / EEP F.EC; CANUTEC (CANUTEC@tc.gc.ca); DEOC, COUM (NRCan/RNCan); Dominique Blanchard; GOC / COG (PS/SP); HPOC-COPS, PHAC-ASPC (PHAC/ASPC); Janice Pillon; josee.lamoureux@tc.gc.ca; louis.armstrong@tc.gc.ca; EARMAtI / MARTAtI (EC); EARMCen / MARTCen (EC); PNSACEN, NASPCEN (Ext.); PNSAPAC, NASPPAC (Ext.); Ext-PCH, NCC-CCN (Ext.); Gestion des urgences-bureau régional Québec / Emergency Management-Quebec Regional Office (PS/SP); Santé Canada - Emergency (cepru@hc-sc.gc.ca); Transport Canada (sitcen@tc.gc.ca)

Subject: RE: Update 1: Oil slick from Searose Floating Production Storage and Offloading Vessel (FPSO) at White Rose Oil field, NL

NEEC Update 2: November 19, 2018

- Overflight this morning observed no oil on the surface. Another overflight focused on wildlife observations is planned for this afternoon;
- A Remotely Operated Vehicle (ROV) survey of the South White Rose extension underwater installations is planned for today to determine source;
- Surveys for impacts to marine birds and mammals are ongoing – there are reports of impacted marine birds being observed;
- ECCC's Canadian Wildlife Service (CWS) as well as Fisheries and Oceans Canada staff are providing scientific support through the National Environmental Emergencies Centre (NEEC);
- ECCC's CWS will participate in a planned overflight tomorrow.
- The NEEC is in close communication with the Lead Agency, the Canada-Newfoundland and Labrador Offshore Petroleum Board (C-NLOPB);
- Media interest remains high

Graham Thomas

Senior Officer, Preparedness and Response – Atlantic
National Environmental Emergencies Centre (NEEC) - Mount Pearl Office
Environmental Protection Operations Directorate
Environment and Climate Change Canada / Government of Canada

graham.thomas@canada.ca / Tel: 709-772-4285 / Cell : [REDACTED] / Emergencies 24/7 : 1-866-283-2333

Agent principal, Préparation et intervention – Atlantique
Centre national des urgences environnementales (CNUE) - Bureau de Mount Pearl
Direction des activités de protection de l'environnement
Environnement et Changement climatique Canada / Gouvernement du Canada
graham.thomas@canada.ca / Tél. : 709-772-4285 / Cell : [REDACTED] / Urgences 24/7 : 1-866-283-2333

From: CNUE / NEEC (EC)

Sent: November 17, 2018 6:41 PM

To: Taylor, Mary (EC)

Cc: 'osr@cnlopb.nl.ca'; pollutionreports@gov.nl.ca; Corkum, Jeffrey (EC); CSSPClosure; Donaldson, Garry (EC); ec.dalf-atl-wed-atl.ec@canada.ca; EC.F WPM-ATL [Atlantic Region] F.EC; EC.O COMM REGIONS ATL_QC / COMM ATL_QC O.EC; EnforcementDuty (EC); Friesen, York (EC); Gjerdrum, Carina (EC); Gordon, Heather (EC); Mercer, Geoff (EC); Robichaud, Robert (EC); Ronconi, Robert (EC); SQEM Atlantique / MWQM Atlantic (EC); Whittam, Becky (EC); Wilhelm, Sabina (EC); Worthman, Glenn (EC); EC.F MINO ALL F.EC; EC.F NEEC_EC_Partners F.EC; EC.F NEEC_EC_Senior_Mgmt F.EC; EC.F PUE / EEP F.EC; CANUTEC (CANUTEC@tc.gc.ca); DEOC, COUM (NRCan/RNCan); Dominique Blanchard; GOC / COG (PS/SP); HPOC-COPS, PHAC-ASPC (PHAC/ASPC); Janice Pillon; josee.lamoureux@tc.gc.ca; Leger, Serge (EC); louis.armstrong@tc.gc.ca; EARMAtI / MARTAtI (EC); EARMCen / MARTCen (EC); PNSACEN, NASPCEN (Ext.); PNSAPAC, NASPPAC (Ext.); Ext-PCH, NCC-CCN (Ext.); Gestion des urgences-bureau régional Québec / Emergency Management-Quebec Regional Office (PS/SP); Santé Canada - Emergency (cepru@hc-sc.gc.ca); Transport Canada (sitcen@tc.gc.ca)

Subject: Update 1: Oil slick from Searose Floating Production Storage and Offloading Vessel (FPSO) at White Rose Oil field, NL

NEEC Update 1: November 17, 2018

- Overflights did not observe any new oil at drill location or around the SeaRose Floation, Production Storage and Offloading vessel. Production is currently shut down.
- The slick was located a few kilometres south of the tracker buoy. The slick was visible as long wind rows and spread out over 21 km by 8 km (168 km²) with 35% coverage (95 % Tar code A and 5% Tar Code B). No fresh oil was observed.
- The total volume is now estimated at 2,445 litres.
- The sea state of 5-8 metres with winds of 40-50 knots, continues to hamper any efforts for containment and recovery of the spill.
- A remotely operated underwater vehicle or ROV will be deployed to determine location of the leak once weather conditions improve. The support vessel (Skandi Vinland) has deployed on site to complete the survey.
- The responsible party, Husky Energy, has activated onshore staff and contractors. They will be using a Single Vessel Side Sweep booming system to contain the spill once the weather permits.
- The resolution on the ISTOP image was not adequate to observe the slick
- Some gulls have been reported in the area but not in large numbers, likely due to the weather conditions.
- ECCC has provided scientific advice and an assessment of birds in the area. ECCC will continue to provide trajectory models twice daily to follow the location of slick.
- Another overflight is scheduled for tomorrow

From: CNUE / NEEC (EC)

Sent: November 16, 2018 6:06 PM

To: Taylor, Mary (EC); Corkum, Jeffrey (EC); CSSPClosure; Donaldson, Garry (EC); ec.dalf-atl-wed-atl.ec@canada.ca; EC.F WPM-ATL [Atlantic Region] F.EC; EC.O COMM REGIONS ATL_QC / COMM ATL_QC O.EC; EnforcementDuty (EC); Friesen, York (EC); Gjerdrum, Carina (EC); Gordon, Heather (EC); Mercer, Geoff (EC); Robichaud, Robert (EC); Ronconi, Robert (EC); SQEM Atlantique / MWQM Atlantic (EC); Whittam, Becky (EC); Wilhelm, Sabina (EC); Worthman, Glenn (EC)

Cc: EC.F MINO ALL F.EC; EC.F NEEC_EC_Partners F.EC; EC.F NEEC_EC_Senior_Mgmt F.EC; EC.F PUE / EEP F.EC

Subject: NEEC Advisory: Oil slick from Searose Floating Production Storage and Offloading Vessel (FPSO) at White Rose Oil field, NL

This is to inform you that the National Environmental Emergencies Centre (NEEC) has been notified today November 16, of an oil slick coming from a pressurized flow line. An overflight reported a slick of approximately 1 mile at around 19:50 UTC. The volume of the release is being assessed. Given unfavourable weather conditions, containment and cleanup is not possible at this time. Tracking and monitoring of the slick is being conducted using tracker buoys as well as trajectory modelling.

Husky Energy has been identified as the Responsible Party.

Canada-Newfoundland Offshore Petroleum Board has been identified as the Lead Agency.

NEEC has received a request for

- Spill trajectory modelling
- Advice on migratory birds

Steps Taken by NEEC:

- NEEC has assessed the situation
- NEEC has informed the following ECCC divisions: Marine Water Quality Monitoring Program and Canadian Wildlife Service
- Regional Environmental and Wildlife Enforcement Directorates have been advised
- NEEC has informed the following Federal partner: Fisheries and Oceans Canada
- NEEC has informed Service Newfoundland

Moving Forward:

- NEEC will continue to monitor the situation
- Regional Environmental Enforcement Directorate and Wildlife Enforcement Directorate will be advised
- NEEC has made a request for RADARSAT imagery

This advisory is based on preliminary information.

** Please do not reply to this message. If you need to contact NEEC for urgent operational matters concerning this incident, please do so using the Emergencies Line at 1-866-283-2333.**

Lisa Tulen, M.Sc.

Agente, Préparation et intervention – Centre, Prairies et Nord

Centre National des Urgences Environnementales (CNUE)

Direction des activités de protection de l'environnement

Environnement et Changement climatique Canada / Gouvernement du Canada

lisa.tulen@canada.ca / Tél: 514-496-4036 / Cell: [REDACTED] / Urgences 24/7: 1-866-283-2333

Lisa Tulen, M.Sc.

Officer, Preparedness and Response – Central, Prairies and North

National Environmental Emergencies Centre (NEEC)

Environmental Protection Operations Directorate

Environment and Climate Change Canada / Government of Canada

lisa.tulen@canada.ca / Tel: 514-496-4036 / Cell: [REDACTED] Emergencies 24/7: 1-866-283-2333

LeBlanc, Brian (Acting AC, Atlantic Region)

From: MacDonald, Heidi
Sent: November 21, 2018 8:44 AM
To: LeBlanc, Brian (Executive Director, CCGC); Miller, Anne; Joly, Jean-Francois BNS, MBA; Kelsey, Jane; Llewellyn, Don; Genge, Jana
Cc: Bornais, Stephen; Tremblett, Wanda
Subject: RE: FOR INPUT BY COB TUESDAY: Hot Issues Book - CCFAM

Perfect. Thanks Brian. My counterpart in NL Comms will have received the same call out so I'm sure she's flagging it as well. Will touch base with her.

From: LeBlanc, Brian (Executive Director, CCGC)
Sent: November-21-18 7:25 AM
To: MacDonald, Heidi; Miller, Anne; Joly, Jean-Francois BNS, MBA; Kelsey, Jane; Llewellyn, Don; Genge, Jana
Cc: Bornais, Stephen; Tremblett, Wanda
Subject: RE: FOR INPUT BY COB TUESDAY: Hot Issues Book - CCFAM

Hi Heidi,

For the Canadian Council, I can see possible interest in the Sea Rose FPSO offshore spill. Stephen and colleagues should have the latest media lines.

Sincerely,

Brian

--

Brian LeBlanc

Acting Assistant Commissioner / Commissaire adjoint par intérim

Canadian Coast Guard/Garde côtière canadienne
Atlantic Region/Région de l'Atlantique
Government of Canada / Gouvernement du Canada

Telephone/Téléphone: (709) 772-5150
Facsimile/Télécopieur: (709) 772-4194
e-mail/courriel: brian.leblanc@dfo-mpo.gc.ca

From: MacDonald, Heidi
Sent: Monday, November 19, 2018 10:24 AM
To: LeBlanc, Brian (Executive Director, CCGC) <Brian.Leblanc@dfo-mpo.gc.ca>; Miller, Anne <Anne.Miller@dfo-mpo.gc.ca>; Joly, Jean-Francois BNS, MBA <Jean-Francois.Joly@dfo-mpo.gc.ca>; Kelsey, Jane <Jane.Kelsey@dfo-mpo.gc.ca>; Llewellyn, Don <Don.Llewellyn@dfo-mpo.gc.ca>; Genge, Jana <Jana.Genge@dfo-mpo.gc.ca>
Cc: Bornais, Stephen <Stephen.Bornais@dfo-mpo.gc.ca>
Subject: FOR INPUT BY COB TUESDAY: Hot Issues Book - CCFAM
Importance: High

Folks,

Communications has been asked to provide input a Hot Issues book (containing media lines related to issues the Minister may be asked about) in anticipation of the Canadian Council of Fisheries and Aquaculture Ministers meeting (in NL in December).

Could you please advise of any media issues you're currently aware of within our geographic area that you'd like to see included in that package of media lines for the Minister? Even if it's something national in nature, I can flag it to ensure it gets added at HQ.

We'll pull everything together and ask that it be included in the National package.

Thanks in advance for your help,
Heidi

Heidi L. MacDonald

A/Regional Director | Communications Branch
Fisheries and Oceans Canada | Government of Canada
Heidi.MacDonald@dfo-mpo.gc.ca Tel: 902-426-2533

Directrice régionale p.i. | Direction des communications
Pêches et Océans Canada | Gouvernement du Canada
Heidi.MacDonald@dfo-mpo.gc.ca Tél : 902-426-2533

From: Nasrallah, Christine

Sent: November-16-18 4:01 PM

To: Patzer, Adria; Seguin, Natalie; Jackson, Ashley; Quirion, Stephanie; Wilson, Patricia F; Smith, Kathleen; Salem, Ann-Margaret; Girouard, Louise; Foerter, Holly; LeBreton, Ginette; Renauld, Claudine; MacDonald, Heidi; Dunderdale, Sara; Smith, Fiona

Cc: Parkes, Sara; Morris, Christina; Provencher, Suzanne; Szerze, Anita; Parent, Sonia; Laforge, Ricky; Murray, Jennifer; Nesseth, Megan; Fagan, Ashley; Williams, Jennifer; Sloan, Glen; Bate, Dan; Deger, Linda; Solski, Lauren; Bernier, Michèle L (Moncton); Petersen, Krista; Beaudoin, Guylaine; Fortin, Pascale; Bornais, Stephen; Hayden, Jazmine; McNab, Alexandra; Guest, Kevin (NL); Ruddock, Stella D; Whiffen, Sam; Quinn, Caroline; Trudeau, Miriam; McElhone, Kathryn; Hubley, Marian; Laforce, Valerie; ComApproval / Approbation (DFO/MPO)

Subject: REQUEST: Hot Issues Book - CCFAM

Hi Everyone,

We have been tasked to put together a Hot Issues Book for the upcoming CCFAM Meeting – December 3-5, 2018.

I ask that you please send me any relevant media lines to include by COB Thursday, November 29, 2018.

Please let me know if you have any questions/concerns.

Thank you!
Christine Nasrallah
Fisheries and Oceans Canada
613-323-3769

Kelly, Jason

From: Kelly, Jason
Sent: November-21-18 2:05 PM
To: Pilgrim, Bret
Subject: RE: Husky spill

I have a meeting with Communications at 3pm. Wondering if the Comms lines will be ready by then

Thanks
Jason

From: Kelly, Jason
Sent: November-21-18 8:48 AM
To: Ruddock, Stella D; Pilgrim, Bret
Cc: Whiffen, Sam
Subject: RE: Husky spill


Thanks Stella,

We will have a few lines for you this morning

Jason

From: Ruddock, Stella D
Sent: November-20-18 4:53 PM
To: Kelly, Jason; Pilgrim, Bret
Cc: Whiffen, Sam
Subject: RE: Husky spill

Hi Jason/Bret,

 Nothing specific to the Manolis L that would be relevant to FPP in this case; however, here's another line we've used in the past:

- Where needed, Fisheries and Oceans Canada works with the CNLOPB to provide advice on mitigating the potential impacts on fish, fish habitat and fisheries resources.

Also fyi, we've had a couple of media requests requesting information on DFO/CCG involvement in this incident. We responded with the CCG lines Sam provided below, and advised that NRCan is the federal lead on this incident.

Thanks,
Stella

From: Kelly, Jason
Sent: November-20-18 9:10 AM
To: Ruddock, Stella D; Whiffen, Sam
Cc: Pilgrim, Bret
Subject: RE: Husky spill

Thanks, can you cc'd Bret Pilgrim as well. He'll be putting it together for us. Bret also see lines from CCG below.

Jason

From: Ruddock, Stella D
Sent: November-20-18 8:47 AM
To: Kelly, Jason; Whiffen, Sam
Subject: RE: Husky spill

Hi Jason,

We'll have a look back through Manolis L lines for anything that might fit and get back to you.

Thanks,
Stella

From: Kelly, Jason
Sent: November-20-18 8:40 AM
To: Whiffen, Sam
Cc: Ruddock, Stella D
Subject: RE: Husky spill

Ok thanks that help, do you have anything on manolis L that I can use as well

jason

From: Whiffen, Sam
Sent: November-20-18 8:39 AM
To: Kelly, Jason
Cc: Ruddock, Stella D
Subject: RE: Husky spill

Jason,
CCG and ECCC both have lines on the supporting role. Here is CCG's so we can do something similar.
Sam

The Canada-Newfoundland and Labrador Offshore Petroleum Board is in contact with the Canadian Coast Guard, Natural Resources Canada and Environment and Climate Change Canada as Husky conducts an assessment and implements its response plan.

The Canadian Coast Guard is not leading the response to this incident, but we are providing support to the Canada-Newfoundland and Labrador Offshore Petroleum Board as requested.

The Canadian Coast Guard has participated in surveillance flights chartered by the Canada-Newfoundland and Labrador Offshore Petroleum Board along with Eastern Canada Response Corporation representatives to provide advice for the surveillance assessment.

The Coast Guard has environmental response personnel and equipment that was recently upgraded under the Oceans Protection Plan standing by to help, if requested.

From: Kelly, Jason
Sent: November-20-18 8:20 AM
To: Finn, Ray; Edison, Margo; Ruddock, Stella D; Whiffen, Sam
Subject: RE: Husky spill

You're correct, no specific requests from the C-NLOPB just notifications (updates) from NEEC at this time. we can put together some general lines on how we support ENV Response for a situation like this.

Stella, was there something put together for the Manolis L that I can use as a template?

Jason

From: Finn, Ray
Sent: November-20-18 7:03 AM
To: Edison, Margo; Ruddock, Stella D; Kelly, Jason
Subject: Husky spill

I wonder if we should have some lines in the event we are asked about this? Reactive only.
I don't believe we have recd any requests from the Board or NEEC at this time.

Please consider

Ray

[REDACTED] (cell)
(709) 772 - 2442. (office)

Sent via Blackberry

Crann, Larry

From: Crann, Larry
Sent: November-21-18 3:55 PM
To: Yard, David C; English, Ambrose C; George, Terri Lynn; Grant, Robert
 (Robert.Grant@dfo-mpo.gc.ca)
Subject: FW: Husky Update

FYI

Larry Crann

Deputy Superintendent | Surintendant Adjoint
 Environmental Response | Intervention Environnementale
 Canadian Coast Guard | Garde côtière canadienne
 P.O. Box 5667 St. John's, NL A1C 5X1 | C.P. 5667 Saint Jean, T-N A1C 5X1
Larry.Crann@dfo-mpo.gc.ca
 Telephone | Téléphone 709-772-3280
 Facsimile | Télécopieur 709-772-4066
 Cell | Cell [REDACTED]
 Government of Canada | Gouvernement du Canada

From: Okeefe, Jeff [<mailto:JOkeefe@cnlopb.ca>]
Sent: November-21-18 3:43 PM
To: 'Craig Parly (Atlantic Region)'
Cc: Young, Elizabeth; Burley, Dave; 'graham.thomas@canada.ca'; Crann, Larry; Rideout, Lesley; Murphy, Tim
Subject: RE: Husky Update

Craig

If there is an update on today flight that would be helpful to have before 430 for the government update
 I am assuming it was able to leave this afternoon

C-NLOPB want to see the plan for monitoring and checking of the potential spill of what remains in the open end flow
 line at SWRX

Knowing that it is less risk now that the valves are closed
 As told today there is a potential 85m3 that could leak from the line

The plan should include

- Plans for monitoring (whether visual or aerial or ROV survey time lines) to ensure nothing is leaking
- Ability to respond quickly with Tier response to the potential spill from flow line
- What crew is on standby in case it does happen

CNLOPB would like to review this plan as soon as possible where the ERC for Husky is standing down as indicated earlier
 today

We are meeting with the Federal Science table tomorrow afternoon and thus having the plan is important
 Thanks

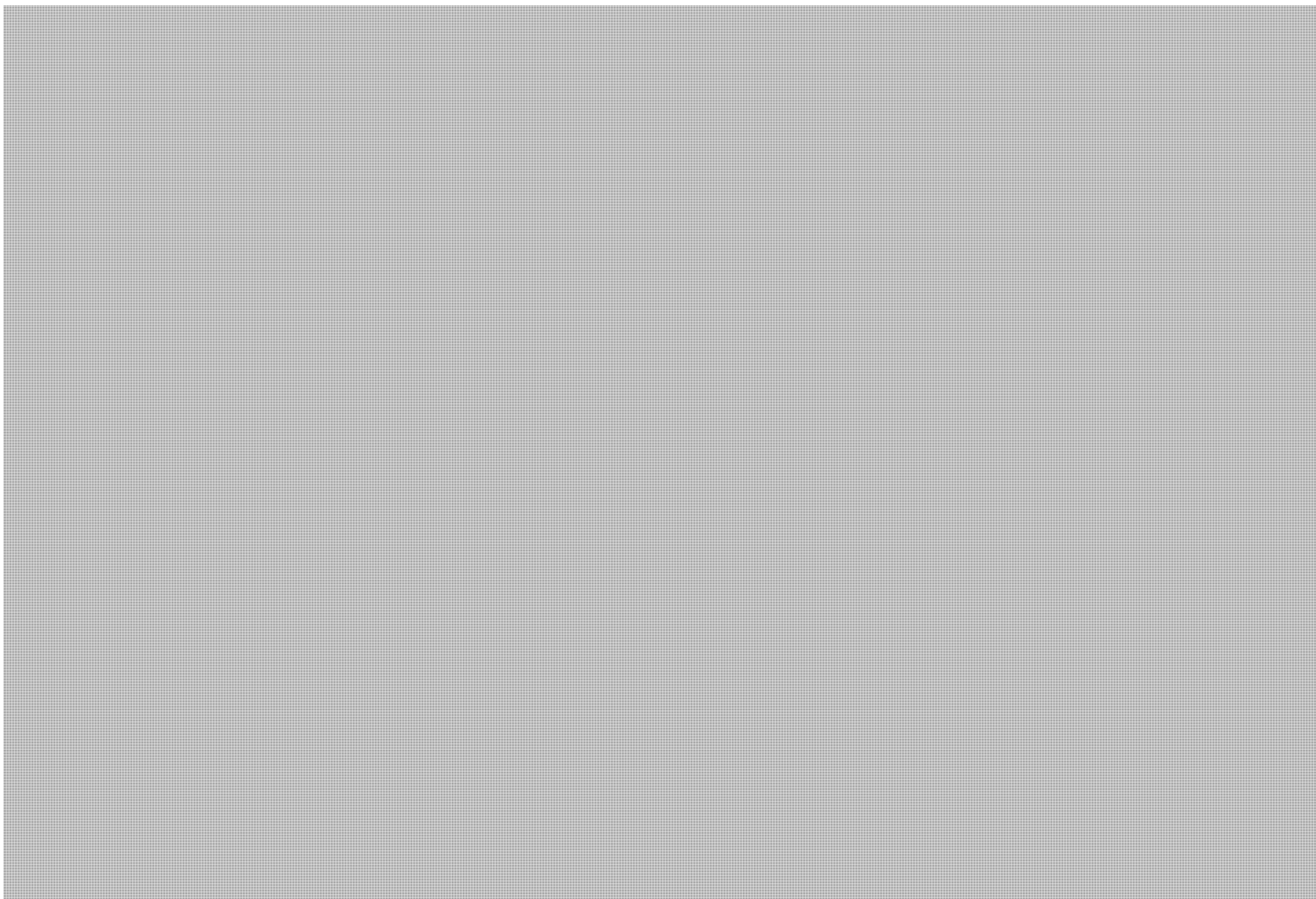
Jeff O'Keefe P.Eng P.Geo
 Director of Resource Management and Chief Conservation Officer
 t. 709 778 1406

s.16(2)

s.24(1)

c. [REDACTED]
f. 709 778 1432

twitter@CNLOPB
www.cnlopb.ca



Crann, Larry

From: Crann, Larry
Sent: November-21-18 4:15 PM
To: Yard, David C; English, Ambrose C; Grant, Robert; George, Terri Lynn
Subject: Fw: Husky Update

FYI

Larry

Sent from my BlackBerry 10 smartphone on the Bell network.

**Pages 698 to / à 699
are withheld pursuant to section
sont retenues en vertu de l'article**

24(1)

**of the Access to Information Act
de la Loi sur l'accès à l'information**

Crann, Larry

From: Crann, Larry
Sent: November-21-18 6:07 PM
To: Yard, David C; English, Ambrose C; Grant, Robert; George, Terri Lynn
Subject: Fw: Husky Update

Response from CNLOPB..

Sent from my BlackBerry 10 smartphone on the Bell network.

Original Message

From: Okeefe, Jeff <JOkeefe@cnlopb.ca>

Sent: Wednesday, November 21, 2018 17:21

To: Craig Pardy (Atlantic Region)

Cc: graham.thomas@canada.ca; Murphy, Tim; Rideout, Lesley; Trevor Pritchard; SueAnn Thistle; Crann, Larry; Pete LeMessurier; Young, Elizabeth; Burley, Dave

Subject: RE: Husky Update

Pete

In response to Craig update today and the fact that visibility was not great today, Will there be a PAL flight tomorrow?

We are reviewing your plan for surveillance of SWRX and potential leak area . We have some questions/ clarification but will be meeting with Federal government agencies tomorrow at 330

So to ensure effective use of time we will wait to send complete set of questions till after meeting and set up a time Friday morning to discuss

I will be calling at 12 tomorrow to do an update on overnight and plans If you can update me on if there is a flight tomorrow I appreciate it Jeff

**Pages 701 to / à 703
are withheld pursuant to section
sont retenues en vertu de l'article**

24(1)

**of the Access to Information Act
de la Loi sur l'accès à l'information**

Pilgrim, Bret

Subject: FW: Invitation to attend an Environmental Emergencies Science Table for the White Rose Oil Field spill wich occurred on November 16, 2018

Location: teleconference: 1-877-413-4792 [REDACTED]

Start: Thu 22/11/2018 3:30 PM

End: Thu 22/11/2018 4:30 PM

Show Time As: Tentative

Recurrence: (none)

Meeting Status: Not yet responded

Organizer: CNUE / NEEC (EC)

Importance: High

For your information and response.

Johannah

-----Original Appointment-----

From: CNUE / NEEC (EC) <ec.cnue-need.ec@canada.ca>

Sent: Wednesday, November 21, 2018 3:44 PM

To: CNUE / NEEC (EC); EC.F CNUE / NEEC F.EC; ERDutyOfficer / AgentsdeserviceaffectésàIE (DFO/MPO); tcmsdutyofficer@tc.gc.ca; clement.murphy@tc.gc.ca; CRAIG.LUEDEE@forces.gc.ca; EED Duty Atlantic; dfo.fpp.nl/ppp.t-n-e-l.mpo (DFO/MPO); Gagnon2, Della (PS/SP); Haring, Peter (Ext.); Harris, Paul (EC); Kennell, Gary (EC); shelleymoore@gov.nl.ca; EC.F EB-WED-ATL F.EC; XNFL-GRP_ Environmental Incident Reports; 'rlocke@gov.nl.ca'; EC.O Agents de service SUST / ESTS Duty Officers O.EC; Wright, Michelle (EC); Holland, Krista (EC); 'paulmolloy@gov.nl.ca'; Jeff Okeefe (jokeefe@cnlopb.nl.ca); 'dburley@cnlopb.nl.ca'; Ken Taylor (ktaylor@cnlopb.nl.ca); Leslie Rideout (lrideout@cnlopb.nl.ca); Elizabeth Young (eyoung@cnlopb.nl.ca); Pollution Reports Service NL (pollutionreports@gov.nl.ca)

Subject: Invitation to attend an Environmental Emergencies Science Table for the White Rose Oil Field spill wich occurred on November 16, 2018

When: Thursday, November 22, 2018 2:00 PM-3:00 PM (UTC-05:00) Eastern Time (US & Canada).

Where: teleconference: 1-877-413-4792 [REDACTED]

Importance: High

Hi folks you are invited to attend an Environmental Emergencies Science Table, to ensure all stakeholders are briefed on the current situation and possible issues moving forward. Attached is an initial draft agenda, if there are others who should be in attendance please forward to them as needed. This meeting will be at a high level for identification of possible issues and strategies to deal with them not the actual detailed tactics. The Lead Agency, the Canada – Newfoundland and Labrador Offshore Petroleum Board will provide an overview of the incident and present status. Please be prepared to speak to your mandate as required.

Graham Thomas

Senior Officer, Preparedness and Response – Atlantic
National Environmental Emergencies Centre (NEEC) - Mount Pearl Office
Environmental Protection Operations Directorate
Environment and Climate Change Canada / Government of Canada
graham.thomas@canada.ca / Tel: 709-772-4285 / Cell : [REDACTED] / **Emergencies 24/7 : 1-866-283-2333**

Agent principal, Préparation et intervention – Atlantique
Centre national des urgences environnementales (CNUE) - Bureau de Mount Pearl
Direction des activités de protection de l'environnement
Environnement et Changement climatique Canada / Gouvernement du Canada
graham.thomas@canada.ca / Tél. : 709-772-4285 / Cell : [REDACTED] / **Urgences 24/7 : 1-866-283-2333**



ST#1_Agenda_Nov
22, 2018.docx

AGENDA

Environmental Emergencies Science Table no. 1

White Rose Oil Field

Meeting Information

Incident: NL_20181116_SeaRoseoffshoreOilVessel_Oil Spill

Date of Science Table: 2018 11 22

Time (Eastern): 14:00 – 15:00

Chair: Graham Thomas NEEC

Teleconferencing service:

Toll-free Dial-in number

1 877-413-4792

Conference ID:



Invitees

Organization	Name
Canada-Newfoundland Offshore Petroleum Board (C-NLOPB)	
NL Department of Natural Resources	
NL Department of Municipal Affairs and Environment	
Service NL	
NL Department of Fisheries and Land Resources	
Environment and Climate Change Canada (ECCC) – Emergencies Science & Technology Section (NEEC)	
Environment and Climate Change Canada (ECCC) – Emergencies Science & Technology Section (ESTS)	
Environment and Climate Change Canada (ECCC) – Canadian Wildlife Service (CWS)	
Department of Fisheries and Oceans (DFO) – Fisheries Protection Program	

Department of National Defence	
Public Safety Canada	
Transport Canada	
Canadian Coast Guard	
Others	

Agenda Items

1. Welcome to Science Table – Graham Thomas, ECCC NEEC
 - Greetings
 - Roll call
 - Scope of the Science Table and objectives
2. Opening remarks
2. Situational briefing
 - Incident background/status – Jeff Okeefe, CCO C-NLOPB
3. Issues going forward
4. Roundtable – other issues Graham Thomas, ECCC NEEC
5. Summary and closing – Graham Thomas, ECCC NEEC

From: [Mansour, Atef A H](#)
To: [Davidson, Fraser](#)
Cc: [Duff, Jennifer L](#); [Lewis, Sara J](#)
Subject: Re: MEDIA REQUEST - FOR DFO NRCAN AND TC CONFIRMATION ASAP: Déversement Terre-Neuve [URGENT RESPONSE REQUIRED]
Date: Wednesday, November 21, 2018 6:46:33 PM
Attachments: [image001.png](#)
[image002.png](#)

Thanks Fraser
Atef

Sent from my BlackBerry 10 smartphone on the Bell network.

From: Davidson, Fraser
Sent: Wednesday, November 21, 2018 4:41 PM
To: Mansour, Atef A H
Cc: Duff, Jennifer L
Subject: RE: MEDIA REQUEST - FOR DFO NRCAN AND TC CONFIRMATION ASAP: Déversement Terre-Neuve [URGENT RESPONSE REQUIRED]

OK Thanks Atef
I thought this was a request from Communications, and I had cc'd Jennifer.
I'll thus await anything on this via Jennifer then

Kindest Regards
Fraser

Fraser JM Davidson
Research Scientist, Physical Oceanography
Oceanography Section

Fraser JM Davidson
Chercheur, Oceanographie Physique
Section Oceanographie

DFO-NAFC, 80 East White hills Rd.
P.O. Box 5667, St. John's, NL. A1C 5X1
Tel: **709-772-2418** Fax. 709-772-5315 Fraser.Davidson@dfo-mpo.gc.ca

From: Mansour, Atef A H
Sent: Wednesday, November 21, 2018 4:03 PM
To: Uriarte, Steven <Steven.Uriarte@dfo-mpo.gc.ca>
Cc: Seguin, Natalie <Natalie.Seguin@dfo-mpo.gc.ca>; Lontoc-Roy, Melinda <Melinda.Lontoc-Roy@dfo-mpo.gc.ca>; Sayavong, Boumy <Boumy.Sayavong@dfo-mpo.gc.ca>; Janidlo, Alison <Alison.Janidlo@dfo-mpo.gc.ca>; Davidson, Fraser <Fraser.Davidson@dfo-mpo.gc.ca>; McCallum, Barry <Barry.McCallum@dfo-mpo.gc.ca>; Duff, Jennifer L <Jennifer.Duff@dfo-mpo.gc.ca>; Dunderdale, Sara <Sara.Dunderdale@dfo-mpo.gc.ca>; Pittman, Erika <Erika.Pittman@dfo-mpo.gc.ca>

mpo.gc.ca>

Subject: RE: MEDIA REQUEST - FOR DFO NRCAN AND TC CONFIRMATION ASAP: Déversement Terre-Neuve [URGENT RESPONSE REQUIRED]

Importance: High

Hi Steven,

I'll appreciate if any questions or answers on this file be referred to the regional communications office to ensure all the regional approvals are in place.

Thanks and best wishes,

Atef

Dr. Atef A.H. Mansour

Division Manager, Environmental Sciences Division
Newfoundland and Labrador Region
Fisheries and Oceans Canada / Government of Canada
atef.mansour@dfo-mpo.gc.ca / Tel: 709-772-4133

Gestionnaire de division, Division des sciences environnementales
La Région de Terre-Neuve-et-Labrador
Pêches et Océans Canada / Gouvernement du Canada
atef.mansour@dfo-mpo.gc.ca / Tél. : 709-772-4133



Government
of Canada

Gouvernement
du Canada

Canada

From: Uriarte, Steven

Sent: November-21-18 2:23 PM

To: Sayavong, Boumy; Janidlo, Alison; Davidson, Fraser; Mansour, Atef A H

Cc: Seguin, Natalie; Lontoc-Roy, Melinda

Subject: RE: MEDIA REQUEST - FOR DFO NRCAN AND TC CONFIRMATION ASAP: Déversement Terre-Neuve [URGENT RESPONSE REQUIRED]

Importance: High

Thanks, Boumy.

[REDACTED] I'm cc'ing Melinda Lontoc-Roy [REDACTED]
[REDACTED]

Fraser and Atef, could you please provide a concise response to the question in my preceding message.

Many thanks,

Steven

From: Sayavong, Boumy

Sent: November-21-18 12:49 PM

To: Uriarte, Steven; Janidlo, Alison

Cc: Seguin, Natalie; Davidson, Fraser; Mansour, Atef A H; Lennon, Keith

Subject: RE: MEDIA REQUEST - FOR DFO NRCAN AND TC CONFIRMATION ASAP: Déversement Terre-Neuve [URGENT RESPONSE REQUIRED]

Hi Steven,

The best person to contact in Newfoundland would be Fraser Davidson and Atef Mansour for ocean modelling.

From NHQ contact Keith Lennon, director of Oceans and Climate Change Science.

Boumy

From: Uriarte, Steven

Sent: November-21-18 12:44 PM

To: Sayavong, Boumy <Boumy.Sayavong@dfo-mpo.gc.ca>; Janidlo, Alison <Alison.Janidlo@dfo-mpo.gc.ca>

Cc: Seguin, Natalie <Natalie.Seguin@dfo-mpo.gc.ca>

Subject: FW: MEDIA REQUEST - FOR DFO NRCAN AND TC CONFIRMATION ASAP: Déversement Terre-Neuve [URGENT RESPONSE REQUIRED]

Importance: High

Good afternoon,

We received a media enquiry on the Newfoundland oil spill, including a question about how far ocean currents can cause oil to spread (« Jusqu'où les courants propagent le pétrole? »).

A partial response to the enquiry has been developed (see below), but we still need input to respond to the question on ocean currents and the spread of oil.

Could you please point us in the right direction (e.g. a contact at COOGER or the NL Region) to obtain an answer.

An urgent response is required, as the reporter's deadline has already passed.

Thanks,

Steven

From: Mayrand, Benoit

Sent: November-21-18 12:28 PM

To: Stanek, Frank; Seguin, Natalie

Cc: Saindon, Carole; Chow, Vance; Eatmon, Keegan; Smith, Fiona; Salem, Ann-Margaret; NCR Media RCN (DFO/MPO)

Subject: FW: FOR DFO NRCAN AND TC CONFIRMATION ASAP: Déversement Terre-Neuve

Importance: High

Hi Frank, Natalie,

Please see the proposed response from EC to Le Radar. One questions would be differed to DFO:

- « Jusqu'où les courants propagent le pétrole? »

Natalie, let me know if I should defer this to the region.

Frank, please confirm we are good with the response.

Thanks

Benoit Mayrand

Communications Advisor | Conseiller en communications
Media Relations | Relations avec les médias
Fisheries, Oceans and the Canadian Coast Guard | Government of Canada
Pêches, Océans et la Garde côtière canadienne | Gouvernement du Canada
Tel . 613-993-9720
Benoit.Mayrand@dfo-mpo.gc.ca

From: Lavoie, Marilyne (EC) [<mailto:marilyne.lavoie@canada.ca>]
Sent: November-21-18 12:10 PM
To: media@tc.gc.ca; NCR Media RCN (DFO/MPO); Media_Relations / Media_Relations (NRCan/RNCan)
Cc: Media (EC); Petro, Veronica (EC); annie.joannette@tc.gc.ca
Subject: FOR DFO NRCAN AND TC CONFIRMATION ASAP: Déversement Terre-Neuve
Importance: High

Bonjour,

Seeking confirmation from DFO, TC and NRCan that everyone has nothing to add to this media response. It has been approved on our side by both Canadian Wildlife Service (CWS) and Environmental Emergencies Division(Environmental Protection Branch) experts. Nous référons la journaliste à DFO pour ses questions concernant les courants.

Mes collègues des urgences environnementales ont suggéré de valider notre réponse auprès de DFO, NRCan et TC, donc un suivi de votre part dans les plus brefs délais serait apprécié étant donné que nous avons dépassé le deadline de la journaliste.

Merci,

Marilyne

PROPOSED RESPONSE

Environment and Climate Change Canada's National Environmental Emergencies Centre is aware of the incident near the White Rose Oil Field in Newfoundland and is actively supporting the Canada-Newfoundland Offshore Petroleum Board which is the lead agency for this specific situation.

Environment and Climate Change Canada (ECCC) is monitoring the situation closely and is providing additional scientific advice to the lead agency. ECCC support includes spill trajectory modelling as well as advice on how to deal with any issues concerning migratory birds in the area. ECCC takes all incidents that threaten the health and safety of Canadians and their environment very seriously. It takes action, provides support and advice as required to mitigate the impacts of these adverse incidents.

The birds are being taken to the Seabird Cleaning Rehabilitation Facility. The role of Environment

and Climate Change Canada's (ECCC) Canadian Wildlife Service (CWS) associated with this facility is to provide authorization allowing the operator to be in possession of migratory birds and species at risk and implement standards of care provided to affected migratory birds and species at risk brought to the facility.

ECCC also maintains a functional relationship with authorized response organizations to advise on banding procedures, release sites for treated wildlife, and post-release monitoring strategies to improve the processes and criteria associated with emergency wildlife care.

The Canada-Newfoundland and Labrador Offshore Petroleum Board (C-NLOPB) is the Lead Agency for this situation and are the lead federal government agency which regulates offshore safety, environmental protection, resource management and industrial benefits.

Please contact C-NLOPB to arrange filming of the birds and for related interviews. Here is their contact information:

Lesley Rideout

Communications Lead

c. 709-725-2900

lrideout@cnlopb.ca

Nous vous invitons à contacter le Canada-Newfoundland Offshore Petroleum Board (CNLOPB) directement en ce qui concerne les activités de la plate-forme, l'enquête qui est cours, ainsi que les questions relatives aux règles de sécurité. As the main primary regulator and Lead Agency, it is CNLOPB's duty to assess and validate volume release. In terms of clean-up, it is Husky Energy that is in charge of the clean-up as per the Polluter pay principal.

Les experts de Pêches et Océans Canada seront mieux positionnés pour répondre à vos questions concernant les courants. Vous pouvez les joindre par courriel à Media.XNCR@dfo-mpo.gc.ca ou par téléphone au 613-990-7537.

Marilyne Lavoie

Conseillère stratégique en relations avec les médias par intérim, Direction générale des communications

Environnement et Changement climatique Canada | Gouvernement du Canada
marilyne.lavoie@canada.ca | Tél. : 819-938-3032

Acting Strategic Media Relations Advisor, Communications Branch
Environment and Climate Change Canada | Government of Canada
marilyne.lavoie@canada.ca | Tel.: 819-938-3032

Relations avec les médias

Environnement et Changement climatique Canada | Gouvernement du Canada
ec.media.ec@canada.ca | Tél. : 819-938-3338 | Sans frais : 1-844-836-7799

Media Relations

Environment and Climate Change Canada | Government of Canada
ec.media.ec@canada.ca | Tel.: 819-938-3338 | Toll free: 1-844-836-7799

From: Lavoie, Marilyne (EC)

Sent: November 20, 2018 11:18 AM

To: 'media@tc.gc.ca' <media@tc.gc.ca>; 'Media.XNCR@dfo-mpo.gc.ca' <Media.XNCR@dfo-mpo.gc.ca>

Cc: Media (EC) <ec.media.ec@canada.ca>; Petro, Veronica (EC) <veronica.petro@canada.ca>

Subject: RE: Déversement Terre-Neuve

Bonjour TC and DFO colleagues,

Pouvez-vous m'indiquer si votre département travaille sur certaines réponses pour la demande ci-bas?

Je suis en train de faire la liaison avec nos collègues du centre national des urgences environnementales ici à ECCC, mais je ne crois pas que nous sommes le lead sur chacune des questions.

J'ai aussi confirmé à la journaliste que nous travaillons sur sa requête et que nous sommes en contact avec TC et DFO.

La tombée est Wednesday, November 21, 2018 at 10 a.m. ET.

Merci pour vos conseils, j'attends de vos nouvelles,

Marilyne

MEDIA

Le Radar

REPORTER'S DEADLINE

Wednesday, November 21, 2018 at 10 a.m. ET

REQUEST RECEIVED DATE

November 20, 2018 8.43 AM

INTERVIEW REQUESTED

NO

CONTEXT AND QUESTIONS

« Quelles ont été les interventions faites jusqu'à maintenant de la part de vos ministères concernant le déversement d'hydrocarbures de la plateforme South white rose en mer près de Terre-Neuve?

Quelles leçons peut-on en tirer ou est-ce le moment de resserrer certaines règles de sécurité?

La plateforme est-elle à nouveau en fonction?

Quel a été l'impact sur l'environnement, la faune et la flore?

Qu'a-t-on pu retirer jusqu'à maintenant en litres de pétrole?

Jusqu'où les courants propagent le pétrole? »

Marilyne Lavoie

Conseillère stratégique en relations avec les médias par intérim, Direction générale des
communications
Environnement et Changement climatique Canada | Gouvernement du Canada
marilyne.lavoie@canada.ca | Tél. : 819-938-3032

Acting Strategic Media Relations Advisor, Communications Branch
Environment and Climate Change Canada | Government of Canada
marilyne.lavoie@canada.ca | Tél.: 819-938-3032

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Environnement et Changement climatique Canada | Gouvernement du Canada
ec.media.ec@canada.ca | Tél. : 819-938-3338 | Sans frais : 1-844-836-7799

Media Relations
Environment and Climate Change Canada | Government of Canada
ec.media.ec@canada.ca | Tel.: 819-938-3338 | Toll free: 1-844-836-7799

From: [REDACTED]
Sent: November 20, 2018 8:43 AM
To: Media Relations Medias <Media@tc.gc.ca>; media.qc@dfo-mpo.gc.ca; Media (EC)
<ec.media.ec@canada.ca>
Subject: Déversement Terre-Neuve

Bonjour!

Quelles ont été les interventions faites jusqu'à maintenant de la part de vos ministères concernant le déversement d'hydrocarbures de la plateforme South white rose en mer près de Terre-Neuve?

Quelles leçons peut-on en tirer ou est-ce le moment de resserrer certaines règles de sécurité?

La plateforme est-elle à nouveau en fonction?

Quel a été l'impact sur l'environnement, la faune et la flore?

Qu'a-t-on pu retirer jusqu'à maintenant en litres de pétrole?

Jusqu'où les courants propagent le pétrole?

Merci de votre suivi.

LE RADAR
VOTRE HEBDO.

[REDACTED]

110, Chemin Gros Cap,
C.P. 8183, Cap-aux-Meules,
Îles-de-la-Madeleine, Québec,

G4T 1R3

Téléphone

Cellulaire

www.leradar.qc.ca

Pensons à l'environnement - Est-ce vraiment utile d'imprimer ce courriel ?

Annibalini, Sara

From: NCC / CCN (DFO/MPO)
Sent: Wednesday, November 21, 2018 8:10 AM
To: Amelin, Vasili; Atchison, Chris; Bisaillon, Annie; Brooks, Robert; Dugal, Jean-Luc; Dussault, Sheyla; Gascon, Julie; Harvey, Clifford; Haubert, Marie-Christine; Hill, Johanna; Hutchinson, Jeffery; Ivany, Gary; Lebel, Mathieu; Lipohar, Peter; Lockhart, Tara; Mackenzie, Joey; Main Ops Officer / Agent principal des Ops (DFO/MPO); Montreal Ops / Ops Montréal (DFO/MPO); Morelli, Carolyn; Morphet, Jason (NCR); Moss, Derek; NCC / CCN (DFO/MPO); Olson, Kathleen; Pelchat, Isabelle; Pelletier, Mario; Perry, Nigel; peter.lipohar@forces.gc.ca; Richardson, John; CCG ATL ROC / COR ATL GCC (DFO/MPO); ROC1 / COR1 (DFO/MPO); Ryan, Sam; Sanderson, Marc; Smith, Fiona; Tettamanti, Ryan; Trudeau, Miriam; Western ROC Superintendent \ Surintendant ROC Ouest (DFO/MPO); Wight, Robert; Wyse, David E
Cc: NCC / CCN (DFO/MPO)
Subject: Morning Ops - November 21
Attachments: Morning Ops Brief - 2018-11-21 AE.pdf; 2018-11-21 AE.docx

Good morning,

Here is a copy of the Operational brief for today.

Best regards,

Operations - National Command Centre (NCC) | Opérations - Centre de commandement national (CCN)
Maritime Security (MARSEC) | Sûreté maritime (MARSEC)
Canadian Coast Guard | Garde côtière canadienne
200 Kent Street, 7th floor E-310 | 200 rue Kent, 7ème étage E-310
Ottawa, Ontario, K1A 0E6
Tel: (613) 998-1497
Cell: [REDACTED] Please use for out of hours service)
@: NCC-CCN.XNCR@dfo-mpo.gc.ca

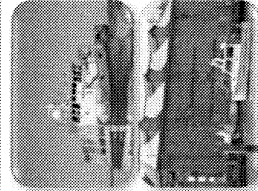
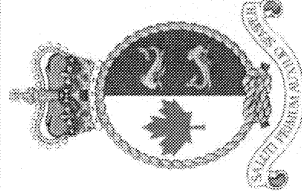
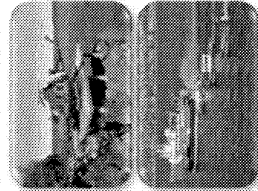
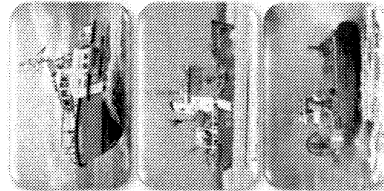
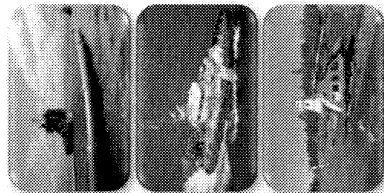
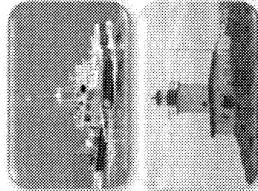
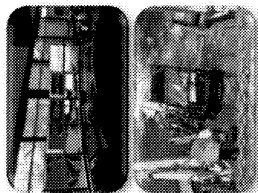


Ministry of Defence /
Département de la Défense
Canadian Forces /
Forces armées canadiennes

Ministry of National Defence /
Département de la Défense nationale
Canadian Forces /
Forces armées canadiennes

OPERATIONS BRIEFING

SÉANCE D'INFORMATION DES OPÉRATIONS



21 November 2018

21 novembre 2018

TODAY'S SCHEDULE / HORAIRE D'AUJOURD'HUI		#	MEETING / RÉUNION	ATTENDANCE / PERS. REQUIS
1	8:00 a.m. - 8:30 a.m.	1	Registration / Accueil	
2	8:30 a.m. - 9:00 a.m.	2	Opening Remarks / Discours d'ouverture	
3	9:00 a.m. - 9:30 a.m.	3	Breakfast / Petit déjeuner	
4	9:30 a.m. - 10:00 a.m.	4	Session 1 / Séance 1	
5	10:00 a.m. - 10:30 a.m.	5	Session 2 / Séance 2	
6	10:30 a.m. - 11:00 a.m.	6	Session 3 / Séance 3	
7	11:00 a.m. - 11:30 a.m.	7	Session 4 / Séance 4	
8	11:30 a.m. - 12:00 p.m.	8	Session 5 / Séance 5	
9	12:00 p.m. - 12:30 p.m.	9	Lunch / Déjeuner	
10	12:30 p.m. - 1:00 p.m.	10	Session 6 / Séance 6	
11	1:00 p.m. - 1:30 p.m.	11	Session 7 / Séance 7	
12	1:30 p.m. - 2:00 p.m.	12	Session 8 / Séance 8	
13	2:00 p.m. - 2:30 p.m.	13	Session 9 / Séance 9	
14	2:30 p.m. - 3:00 p.m.	14	Session 10 / Séance 10	
15	3:00 p.m. - 3:30 p.m.	15	Session 11 / Séance 11	
16	3:30 p.m. - 4:00 p.m.	16	Session 12 / Séance 12	
17	4:00 p.m. - 4:30 p.m.	17	Session 13 / Séance 13	
18	4:30 p.m. - 5:00 p.m.	18	Session 14 / Séance 14	
19	5:00 p.m. - 5:30 p.m.	19	Session 15 / Séance 15	
20	5:30 p.m. - 6:00 p.m.	20	Session 16 / Séance 16	
21	6:00 p.m. - 6:30 p.m.	21	Session 17 / Séance 17	
22	6:30 p.m. - 7:00 p.m.	22	Session 18 / Séance 18	
23	7:00 p.m. - 7:30 p.m.	23	Session 19 / Séance 19	
24	7:30 p.m. - 8:00 p.m.	24	Session 20 / Séance 20	
25	8:00 p.m. - 8:30 p.m.	25	Session 21 / Séance 21	
26	8:30 p.m. - 9:00 p.m.	26	Session 22 / Séance 22	
27	9:00 p.m. - 9:30 p.m.	27	Session 23 / Séance 23	
28	9:30 p.m. - 10:00 p.m.	28	Session 24 / Séance 24	
29	10:00 p.m. - 10:30 p.m.	29	Session 25 / Séance 25	
30	10:30 p.m. - 11:00 p.m.	30	Session 26 / Séance 26	
31	11:00 p.m. - 11:30 p.m.	31	Session 27 / Séance 27	
32	11:30 p.m. - 12:00 a.m.	32	Session 28 / Séance 28	
33	12:00 a.m. - 12:30 a.m.	33	Session 29 / Séance 29	
34	12:30 a.m. - 1:00 a.m.	34	Session 30 / Séance 30	
35	1:00 a.m. - 1:30 a.m.	35	Session 31 / Séance 31	
36	1:30 a.m. - 2:00 a.m.	36	Session 32 / Séance 32	
37	2:00 a.m. - 2:30 a.m.	37	Session 33 / Séance 33	
38	2:30 a.m. - 3:00 a.m.	38	Session 34 / Séance 34	
39	3:00 a.m. - 3:30 a.m.	39	Session 35 / Séance 35	
40	3:30 a.m. - 4:00 a.m.	40	Session 36 / Séance 36	
41	4:00 a.m. - 4:30 a.m.	41	Session 37 / Séance 37	
42	4:30 a.m. - 5:00 a.m.	42	Session 38 / Séance 38	
43	5:00 a.m. - 5:30 a.m.	43	Session 39 / Séance 39	
44	5:30 a.m. - 6:00 a.m.	44	Session 40 / Séance 40	
45	6:00 a.m. - 6:30 a.m.	45	Session 41 / Séance 41	
46	6:30 a.m. - 7:00 a.m.	46	Session 42 / Séance 42	
47	7:00 a.m. - 7:30 a.m.	47	Session 43 / Séance 43	
48	7:30 a.m. - 8:00 a.m.	48	Session 44 / Séance 44	
49	8:00 a.m. - 8:30 a.m.	49	Session 45 / Séance 45	
50	8:30 a.m. - 9:00 a.m.	50	Session 46 / Séance 46	
51	9:00 a.m. - 9:30 a.m.	51	Session 47 / Séance 47	
52	9:30 a.m. - 10:00 a.m.	52	Session 48 / Séance 48	
53	10:00 a.m. - 10:30 a.m.	53	Session 49 / Séance 49	
54	10:30 a.m. - 11:00 a.m.	54	Session 50 / Séance 50	
55	11:00 a.m. - 11:30 a.m.	55	Session 51 / Séance 51	
56	11:30 a.m. - 12:00 p.m.	56	Session 52 / Séance 52	
57	12:00 p.m. - 12:30 p.m.	57	Session 53 / Séance 53	
58	12:30 p.m. - 1:00 p.m.	58	Session 54 / Séance 54	
59	1:00 p.m. - 1:30 p.m.	59	Session 55 / Séance 55	
60	1:30 p.m. - 2:00 p.m.	60	Session 56 / Séance 56	
61	2:00 p.m. - 2:30 p.m.	61	Session 57 / Séance 57	
62	2:30 p.m. - 3:00 p.m.	62	Session 58 / Séance 58	

CANADIAN COAST GUARD (CCG) ASSET DISPOSITION
DISPOSITION DES ÉLÉMENTS DE LA GARDE CÔTIÈRE CANADIENNE (CGC)

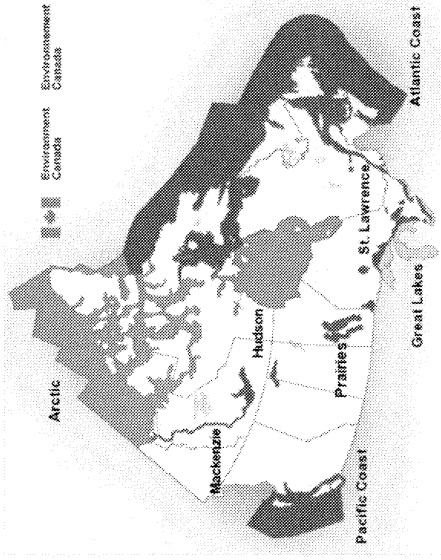
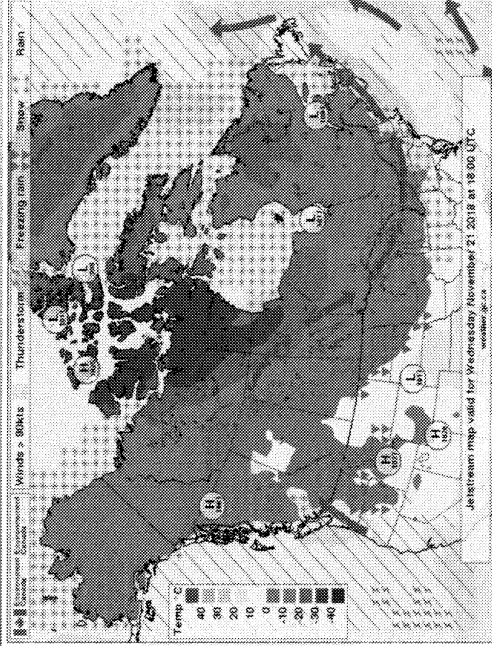
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10				
3				
119				
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Central and Arctic	Atlantic
43	44
25	29
6	4
12	11

Western	Central and Arctic	Atlantic
32	43	44
20	25	29
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12	12	11

REDUCED / RÉDUITE	RESTRICTED / RESTREINTE	NORMAL / NORMALE	HIGHERED / HÉLÉVÉE	CRITICAL / CRITIQUE
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WEATHER MÉTÉO



SIGNIFICANT INCIDENTS
INCIDENTS SIGNIFICATIFS

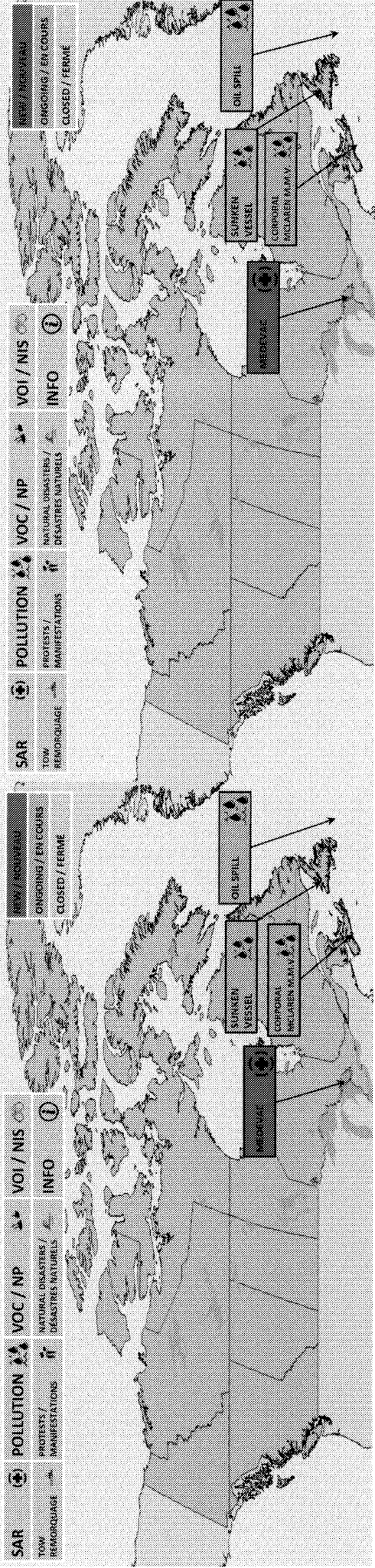
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TOW REMORQUAGE	PROTESTS / MANIFESTATIONS	PROTESTS / MANIFESTATIONS	NATURAL DISASTERS / DÉSASTRES NATURELS	INFO

NEW / NOUVEAU
ONGOING / EN COURS
CLOSED / FERMÉ

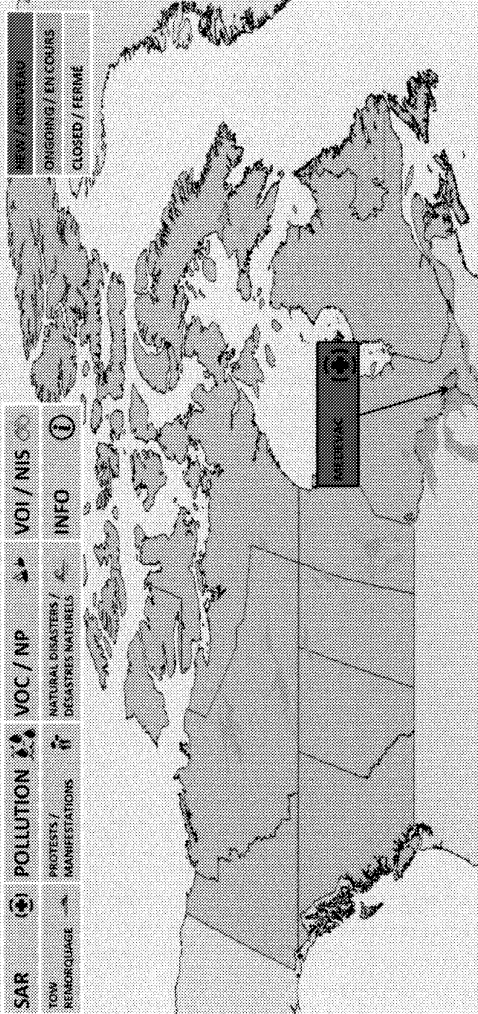
SIGNIFICANT INCIDENTS
INCIDENTS SIGNIFICATIFS

SAR	PROTESTS / MANIFESTATIONS	POLLUTION	VOC / NP	VOI / NIS
TOW REMORQUAGE	PROTESTS / MANIFESTATIONS	PROTESTS / MANIFESTATIONS	NATURAL DISASTERS / DÉSASTRES NATURELS	INFO

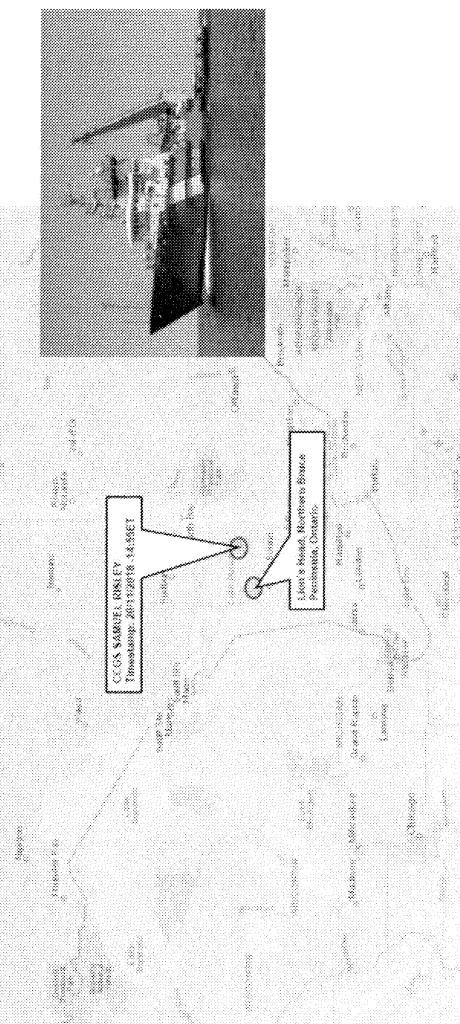
NEW / NOUVEAU
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CLOSED / FERMÉ



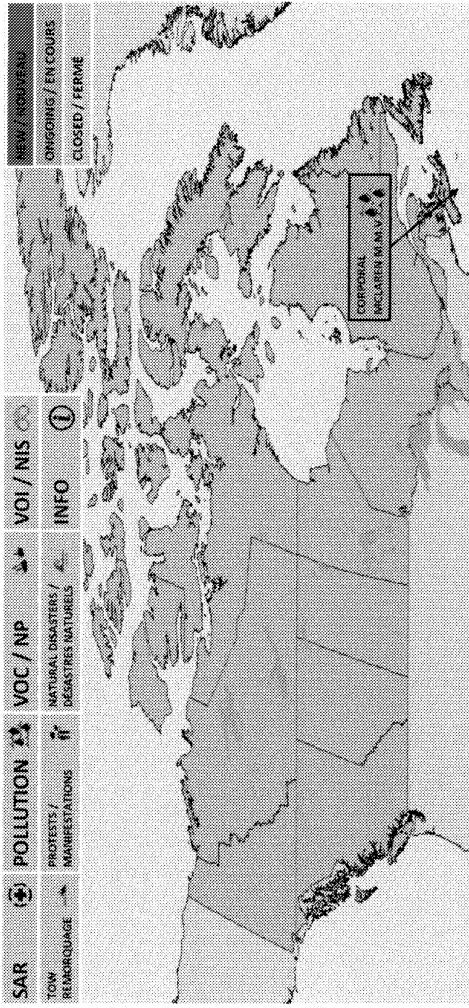
SIGNIFICANT INCIDENTS INCIDENTS SIGNIFICATIFS



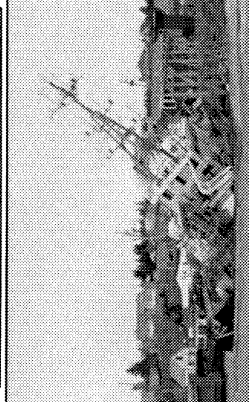
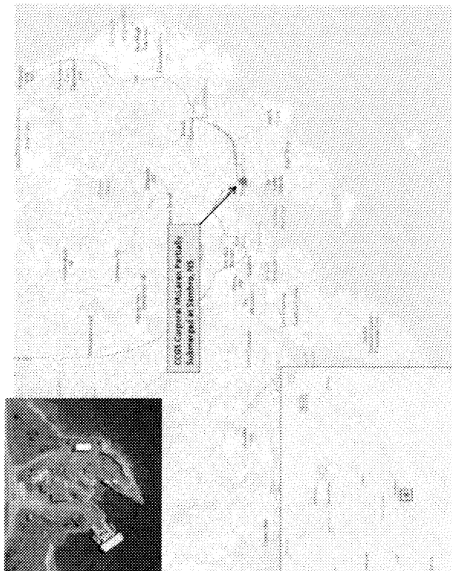
SIGNIFICANT INCIDENTS/ Medevac INCIDENTS SIGNIFICATIFS/ Évacuation médicale



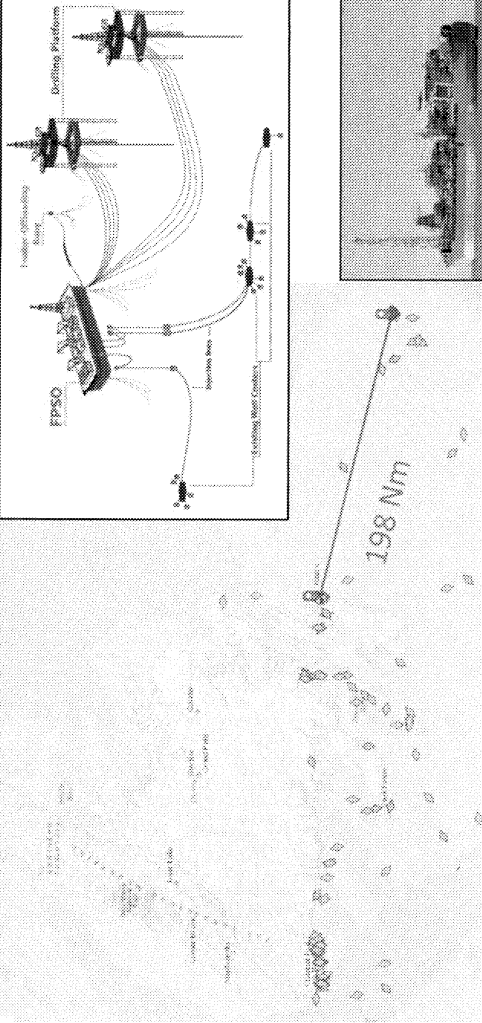
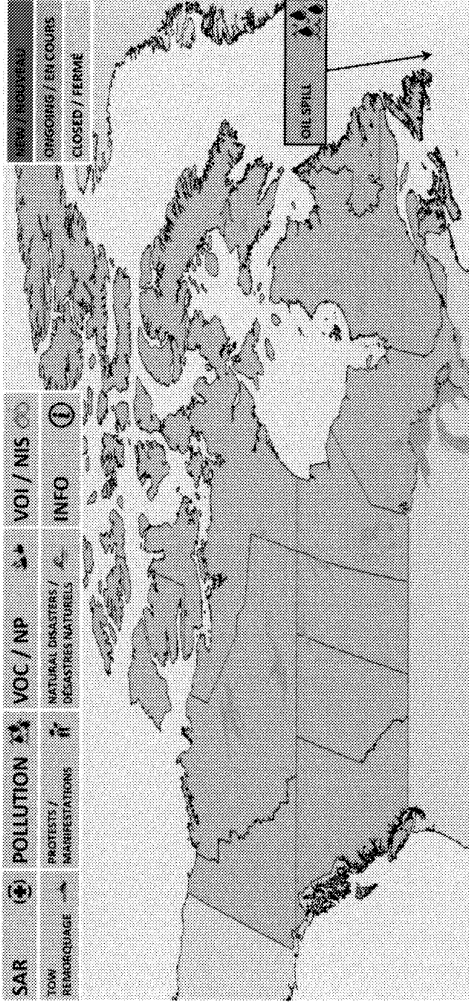
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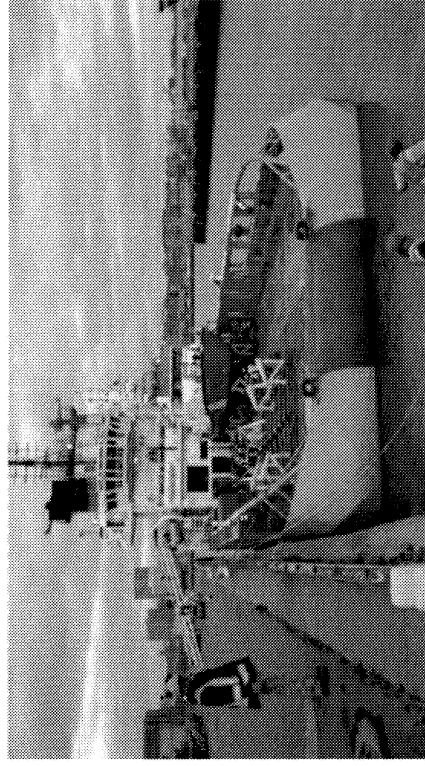
SIGNIFICANT INCIDENTS DETAILS / CCGS Corporal McLaren M.M.V. DÉTAILS D'INCIDENTS SIGNIFICATIFS / NGCC Corporal McLaren M.M.V.



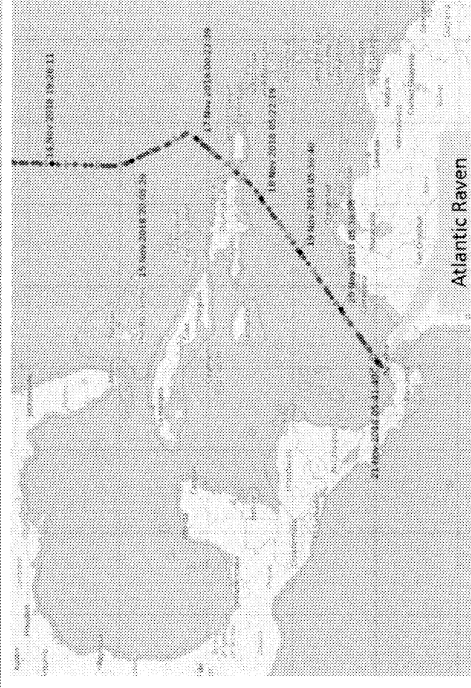
**SIGNIFICANT INCIDENTS DETAILS / Crude Oil spill
DÉTAILS D'INCIDENTS SIGNIFICATIFS / Déversement**







Atlantic Raven









Atlantic Raven



NON-OPERATIONAL CCG VESSELS – ATLANTIC REGION NAVIRES NON-OPÉRATIONNELS DE LA GCC – RÉGION DE L'ATLANTIQUE											
ID#	Vessel / Navire	Details / Détails			Image	ID#	Vessel / Navire	Details / Détails			Image
1	HARP (SAR)	Unplanned maintenance for port clutch issues. No firm timeline since still assessing whether gearbox can be repaired on site or will need to be sent away. Impact: Alternate coverage required for SAR on east coast of Newfoundland.	DOS / DHS:	August 31		4	VLADYKOV (Science)	Crewing issue, no cook. Impact: None. Vessel weather delayed.	DOS / DHS:	November 20	
			RTS / RES:	Unknown					RTS / RES:	November 21	
			Location:	St. John's, NL					Location:	Marystown, NL	
2	SPRAY (SAR)	Refit delay. Extensive corrosion on hull. Impact: Minimal. Vessel is a spare.	DOS / DHS:	August 31							
			RTS / RES:	Unknown					RTS / RES:		
			Location:	Shelburne, NS					Location:		
3	CAP BRETON (SAR)	Severe ice conditions in harbour. Vessel is currently out of the water, but will be put back in if conditions allow. Station scheduled to close for season Dec 21. Impact: Reduced SAR coverage Gulf of St. Lawrence.	DOS / DHS:	Nov 19							
			RTS / RES:	Unknown					RTS / RES:		
			Location:	Shippagan, NB					Location:		

NON-OPERATIONAL CCG VESSELS – CENTRAL & ARCTIC REGION NAVIRES NON-OPÉRATIONNELS DE LA GCC – RÉGION DU CENTRE ET DE L'ARCTIQUE

ID#	Vessel / Navire	Details / Détails			Image	ID#	Vessel / Navire	Details / Détails			Image
1	SIPU MUIN (AtoN)	Damaged starboard propeller, caused by impact with generator hatch. Propeller: new drive shaft received and installed. Generator hatch several weeks from being completed. Impact: None. CCGS Mamilossa can be used for AtoN program.	DOS / DHS: RTS / RES: Location:	October 3 November 21 Trois-Rivières, QC		4	GRIFFON (AtoN)	Refit delay until Nov 16. Sea trials scheduled for Nov 21 after TC inspection completion Nov 20. Impact: Delay to Aids to Navigation decommissioning program.	DOS / DHS: RTS / RES: Location:	October 17 November 23 Les Méchins, QC	
2	CONSTABLE CARRIERE	Mobilization/demobilization. Crewing issues still ongoing. Will likely remain non-operational until close of season. Impact: None – no scheduled MSET program.	DOS / DHS: RTS / RES: Location:	October 18 N/A Burlington, ON		5	MAMILOSSA (AtoN)	Broken propeller shaft. Impact: Minimal since one day lost.	DOS / DHS: RTS / RES: Location:	November 20 November 21 Trois-Rivières, QC	
3	MARTHA L. BLACK (AtoN)	Delay in drydock. Impact: Delay to Aids to Navigation decommissioning program for commercial buoys.	DOS / DHS: RTS / RES: Location:	October 17 November 23 Hamilton, ON		6	CORPORAL TEATHER C.V.	Starboard main engine coolant leak. Impact: None. Sir Wilfred Grenfell covering SAR 033 East Coast.	DOS / DHS: RTS / RES: Location:	November 21 TBD St. John's, NL	

CCG HELICOPTER DISPOSITION											
RÉPARTITION DES HÉLIOPTÈRES DE LA GCC											
Western						Central and Arctic					
Atlantic						UNPLANNED NON-OPERATIONAL CCG HELICOPTERS					
HÉLIOPTÈRES NON-OPÉRATIONNELS NON-PLANIFIÉS DE LA GCC						DETAILS / DÉTAILS					
ID	Type	Location	Status	ID	Type	Location	Status	ID	Type	BASE	IMAGE
CG 435	Bell 429	Shoal Point, BC	●	CG 434	Bell 429	Parry Sound, ON	●	CG 432	Bell 429	CCGS Henry Larsen	
CG 440	Bell 429	Shoal Point, BC	●	CG 439	Bell 429	Québec, QC	●	CG 433	Bell 429	Stephenville, NL	
CG 443	Bell 429	Port Hardy, BC	●	CG 441	Bell 429	Québec, QC	●	CG 436	Bell 429	Shearwater, NS	
CG 943	Bell 412	Seal Cove Base, BC	●	CG 444	Bell 429	Québec, QC	●	CG 437	Bell 429	Shearwater, NS	
CG 946	Bell 412	Port Hardy, BC	●	CG 445	Bell 429	Ottawa, ON	●	CG 438	Bell 429	CCGS Louis S. St-Laurent	
CG 948	Bell 412	Seal Cove Base, BC	●	CG 942	Bell 412	Parry Sound, ON	▲	CG 442	Bell 429	St. John's, NL	
				CG 945	Bell 412	Québec, QC	●	CG 446	Bell 429	Ottawa, ON	
								CG 944	Bell 412	Ottawa, ON	
								CG 947	Bell 412	St. John's, NL	
Operational			●	Planned Non Operational			▲	Unplanned Non Operational			

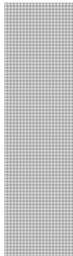
CCG SENIOR MANAGEMENT DISPOSITION / DISPOSITION DE LA HAUTE GESTION DE LA GCC				National Command Centre Information Bulletin / Bulletin d'information du Centre de commandement national	
Names / Noms	Positions	Locations	Off.		
J. Hutchinson	Commissioner / Commissaire	OTTAWA			
M. Pelletier	Deputy Commissioner - Operations / Sous-commissaire - Opérations		Wade Spurrell		
A. Smith	Deputy Commissioner - Strategy & Shipbuilding / Sous-commissaire - Stratégie et construction navale	OTTAWA			
J. Gascon	Director General - Operations / Directeur général - Opérations	OTTAWA			
S. Ryan	Director General - Integrated Technical Services / Directeur général - Services techniques intégrés	OTTAWA			
M. Sanderson	Acting Director General - National Strategies / Directeur général par intérim - Stratégies nationales	OTTAWA			
M-C. Haubert	Director General - Integrated Business Management Services / Directrice générale - Services de gestion intégrée des affaires	OTTAWA			
R. Wight	Director General - Major Projects / Directeur général - Projets majeurs	OTTAWA			
G. Ivany	Acting Assistant Commissioner - Central & Arctic Region / Commissaire adjoint par intérim - Région du Centre et de l'Arctique	MONTREAL			
B. LeBlanc	Acting Assistant Commissioner - Atlantic Region / Commissaire adjoint par intérim - Région de l'Atlantique	ST. JOHN'S			
R. Girouard	Assistant Commissioner - Western Region / Commissaire adjoint - Région de l'Ouest		Miriam Van Roosmalen		
P. Jean	Acting Deputise Director - Canadian Coast Guard College / Directeur exécutif par intérim - Collège de la garde côtière canadienne	SYDNEY			

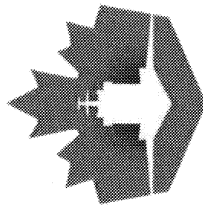
NATIONAL COMMAND CENTRE INFORMATION BULLETIN /
BULLETIN D'INFORMATION DU CENTRE DE COMMANDEMENT NATIONAL

NCC DUTY OFFICER / AGENT DU NCC EN SERVICE

Nathalie Choquette

CONTACT NUMBERS / NUMÉROS DE CONTACT





NATIONAL
COMMAND
CENTER

CENTRE DE
COMMANDEMENT
NATIONAL

CANADIAN COAST GUARD

GARDE CÔTIÈRE CANADIENNE



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GARDE CÔTIÈRE CANADIENNE

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NATIONAL SECURITY LEVELS

National MARSEC level¹

Federal facilities readiness level²

National terrorism threat level³ 3 of 5 (medium)

ASSET DISPOSITION

	Vessels	119
	Helicopters	22
Atlantic Region:	Fleet Readiness	Normal
	Non Operational Unplanned	4
	Non Operational Planned	11
Central and Arctic:	Fleet Readiness	Reduced*
	Non Operational Unplanned	6
	Non Operational Planned	12
Western Region:	Fleet Readiness	Normal
	Non Operational Unplanned	0
	Non Operational Planned	12

We have updated the number of vessels under construction (VUC) to include the 4 most recent Bay Class Vessels. The **10** VUC are now: Baie de Plaisance, Pachena Bay, McIntyre Bay, OFSV 1, OFSV 2, OFSV 3, HMP Bay Class 3, HMP Bay Class 4, CNF Bay Class 3, and CNF Bay Class 4.

* On October 19, Central and Arctic Region changed their Fleet Readiness profile to Reduced. Repairs and crewing issues continue to limit the Aids to Navigation program. No large buoytenders are currently in operation, which diminishes capacity for AtoN work and ITS maintenance.

¹ Set by the Minister of Transport

² Set by the Privy Council Office

³ Set by the Integrated Terrorism Assessment Centre.

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SIGNIFICANT INCIDENTS

NEW – 1

SAR – CCGS SAMUEL RISLEY MEDEVAC – GEORGIAN BAY

November 20, a medevac was conducted from the CCGS Samuel Risley.

Vessel

subsequently transited to Parry Sound, ON to await replacement personnel. Next crew change is November 28, so that is the latest the vessel will return fully operational. Vessel is on limited operational status (daylight sailing only) until a replacement is found. This isn't affecting the vessel's capacity for buoy work since those operations occur during daylight hours, but could affect the program overall due to reduced transit time.

ONGOING – 3

ER – CCGS CORPORAL MCLAREN PARTIALLY SUBMERGED – SAMBRO, NS

Recap: November 17, the CCGS Corporal McLaren was reported partially submerged in the water after slipping off the cradle during refit in Sambro, NS. Halifax Regional Police and RCMP are investigating the incident. The Incident Command Post (ICP) was stood up November 19. Sorbent boom has been placed around the vessel due to some light sheening.

Update: There have been no changes to the state of the vessel and containment boom remains in place. Work continues to plug and patch damage, and pumping of surface oil from the inside of the vessel will continue November 21 and divers will continue to clean up debris around the cradle. The vacuum truck departed site November 20 with approximately 15m³ of oily water. Sorbents were used to recover a small amount of oil in the bow thruster compartment and no oil was found in the emergency generator room. London Offshore Consultants (LOC) are providing 3rd party Special Casualty Representative services to CCG, they will review the salvage plan and advise CCG of any concerns with stability or implementation of the plan. CME plans to review salvage and stability plans for when dive operations are complete. Plans are expected to be in place by the evening of November 22, both salvage and tow plans will be reviewed then.

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ER – SEAROSE FPSO CRUDE OIL SPILL – OFFSHORE NL

Recap: November 16, the SEAROSE FPSO (Floating Production, Storage, and Offloading) reported losing approximately 250m³ of crude oil. CCG ER contacted C-NLOPB (Canada-Newfoundland and Labrador Offshore Petroleum Board), the Lead Agency, who is working with the owner/operator, Husky Energy. Husky Energy has their Regional Response Management Team (RRMT) activated at their Response Centre in St. John's.

Update: No oil was observed following a series of overflights November 20, conditions were ideal for observing oil on the surface. CCG ER and the response organization ECRC (RO ECRC) representatives were aboard flight. CCG ER remains in close contact with C-NLOPB, ECCC and with Husky Energy and their Environmental Coordinator at Husky Energy's Response Centre. Husky Energy's RRMT remains activated at their response center in St. John's. CCG ER will continue close coordination with the C-NLOPB's response centre. ECCC reports that a ROV survey of the suspected source was conducted November 19 and that the data is being reviewed by C-NLOPB.

ER – VESSEL SINKING AT WHARF , NL

Recap: November 6, 50ft pleasure craft Beverly Gae sank at the wharf in Cornerbrook, NL. CCG ER removed recoverable pollutants. CCG ER working to develop a plan to tow vessel to deconstruction site to eliminate threat pollution [REDACTED]

Update: Vessel remains secured at the wharf in Summerside, NL. CCG ER crew remains on site assessing the water ingress and pumping out as required. Quotes regarding towing arrangements are being assessed and forwarded for Urgent Contracting requirement.

WEATHER**National Overview for Wednesday November 21 2018**

- Winter storm conditions over the northern peninsula of Newfoundland, Basse-Côte-Nord and the Labrador Coast
- With the cold air mass spreading across eastern Canada, snow squalls are expected to affect Lake Huron sectors today and Cape Breton/Gaspésie overnight.

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NON-OPERATIONAL VESSELS

ATLANTIC REGION

UNPLANNED

1. **Harp (SAR)** – St. John's, NL. RTS unknown, no firm timeline since still assessing whether gearbox can be repaired on site or will need to be sent away. Unplanned maintenance for port clutch issues. Impact: Alternate coverage required for SAR on east coast of Newfoundland. *(November 10 update: still unknown, ROC Atl will advise when they find out.)*
2. **Spray (SAR)** – Dartmouth, NS. RTS unknown. Refit delay. Impact minimal: spare VSL.
3. **Cap Breton (SAR)** – Shippagan, NB – Vessel removed from the water due to ice conditions in the harbour. Will be put back in if conditions allow. Station scheduled to close December 21. Impact: Reduced SAR coverage in the Gulf of St. Lawrence.
4. **Vladykov (Science)** – Marystown, NL. RTS November 21. Crewing issue, [REDACTED]
Impact: None. Vessel weather delayed today.

PLANNED

1. Terry Fox – St. John's, NL. Refit. RTS January 10 2019.
2. Capt. Molly Kool – Davie Shipyard, QC – Refit.
3. Henry Larsen – St. John's, NL. Post Arctic demobilization.
4. Ann Harvey – Les Méchins, QC. Vessel life extension. RTS February 2019.
5. George R. Pearkes – St. John's, NL. Refit. RTS December 1.
6. Earl Grey – Dartmouth, NS. Alongside refit. RTS January 7 2019.
7. Cygnus – St. John's, NL – Refit. Drydock. RTS December 1.
8. Corporal McLaren M.M.V. – Sambro, NS. Refit delay. RTS unknown at this time due to ongoing investigation of damage to the vessel. Original end of refit date December 19.
9. M. Perley – Dartmouth, NS – Demobilization.
10. Clark's Harbour (SAR) – West Head, NS. RTS November 26. Impact: NONE – Courtenay Bay is on station at the Clark's Harbour Station (West Head) to provide the SAR coverage for SAR 007 Southwestern Shore, NS.
11. Goeland - Sydney, NS – Spare

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CENTRAL & ARCTIC REGION

UNPLANNED

1. **Sipu Muin (AtoN)** – Trois-Rivières, QC. RTS November 21. Damaged starboard propeller, caused by impact with generator hatch. November 20: Drive shaft, propeller, and all components reassembled. Impact: None. CCGS Mamilossa can be used for AtoN program.
 - a. 48 hour notice will be required for taskings due to lack of generator cover.
2. **Constable Carriere** – Burlington, ON. RTS N/A. Mobilization/demobilization. Impact: None – no scheduled MSET program. Crew change completed November 14 – 4 crew on board with another joining November 15 – still non-operational.
3. **Griffon (AtoN)** – Les Méchins, QC – Refit delay. Sea trials rescheduled to November 21. RTS November 23. TC inspection completed November 20. Impact: Delay to Aids to Navigation decommissioning program.
4. **Martha L. Black (AtoN)** – Hamilton, ON. RTS November 23. Drydock delay. Impact: Delay to Aids to Navigation decommissioning program for commercial buoys.
5. **Mamilossa (AtoN)** – Trois-Rivières, QC. RTS November 21. Broken propeller shaft. Repairs expected to be completed November 21. Impact: Minimal since one day lost.
6. **Corporal Teather C.V. (SAR)** – St. John's, NL – RTS TBD. Starboard main engine coolant leak. Impact: None. Sir Wilfred Grenfell covering SAR 033 East Coast.

PLANNED

1. A. LeBlanc – North Sydney, NS. Drydock until December 5.
2. Amundsen – Québec, QC. Refit. RTS December 4.
3. Cap Aupaluk – Mont-Joli, QC. Spare
4. Cape Mercy – Burlington, ON. Spare
5. Des Groseilliers – Pointe au Pic, QC. Vessel life extension. RTS December 14.
6. Helen Irene Battle – Mont-Joli, QC
7. Jean Bourdon – Mont-Joli, QC. Lay-up
8. Kelso – Burlington, ON. Mobilization/Demobilization.
9. G.C. 03 – Ile aux Coudres, QC. Dry-docking.
10. Pierre Radisson – Québec, QC. Maintenance. RTS December 19.
11. Thunder Cape – Amherstburg, ON. Lay-up
12. Traverse – Kenora, ON. Mobilization/Demobilization.

Note: CCGS Baie de Plaisance is being readied for operation in Cap-aux-Meules, QC. Transition into service expected in the Spring of 2019 after warranty work at CNF over the winter.

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WESTERN REGION

UNPLANNED

PLANNED

1. Sir Wilfrid Laurier – Victoria, BC – Demobilizing for drydock.
2. Tanu – North Vancouver, BC – Drydock until December 19.
3. M. Charles M.B. – Victoria, BC. Drydock.
4. Otter Bay – Patricia Bay, BC – Lay-up for the winter.
5. Dumit – Hay River, NT – Drydock for winter.
6. Eckaloo – Inuvik, NT – Lay-up for the winter.
7. Moorhen – Patricia Bay, BC – Spare.
8. Vakta – Gimli, MB – Demobilization for winter season. Drydock.
9. Moytel – Sea Island, BC – Refit until December 18.
10. Cape Cockburn – Patricia Bay, BC – Refit until December 3.
11. Atlin Post – Patricia Bay, BC – Lay-up
12. Cape Naden – Patricia Bay, BC – Refit until December 18.

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HELICOPTERS

UNPLANNED NON-OPERATIONAL

PLANNED NON-OPERATIONAL

1. CG 436 (Bell 429) – Shearwater, NS – RTS November 28. Planned maintenance
2. CG 446 (Bell 429) – Ottawa, ON – RTS November 22. Planned maintenance.
3. CG 944 (Bell 412) – Ottawa, ON – RTS December 21. Planned maintenance.
4. CG 441 (Bell 429) – Québec, QC – RTS November 30.
5. CG 445 (Bell 429) – Ottawa, planned maintenance. RTS December 21.
6. CG 942 (Bell 412) – Parry Sound, ON RTS December 4. Planned maintenance
7. CG 943 (Bell 412) – Seal Cove Base, BC – Scheduled maintenance; 5 year inspection.

OPERATIONAL

8. CG 432 (Bell 429) – CCGS Henry Larsen. Transit to hanger today.
9. CG 433 (Bell 429) – Stephenville, NL
10. CG 437 (Bell 429) – Shearwater, NS
11. CG 438 (Bell 429) – CCGS Louis S. St-Laurent
12. CG 442 (Bell 429) – St. John's, NL
13. CG 947 (Bell 412) – St. John's, NL
14. CG 434 (Bell 429) – Parry Sound, ON
15. CG 439 (Bell 429) – Québec, QC
16. CG 444 (Bell 429) – Québec, QC
17. CG 945 (Bell 412) – Québec, QC
18. CG 435 (Bell 429) – Shoal Point, BC
19. CG 440 (Bell 429) – Shoal Point, BC
20. CG 443 (Bell 429) – Port Hardy, BC
21. CG 946 (Bell 412) – Port Hardy, BC
22. CG 948 (Bell 412) – Seal Cove Base, BC

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OPERATIONAL VESSELS

ATLANTIC REGION

15 SAR

1. Sir Wilfred Grenfell – St. John's, NL
2. Cape Roger – Dartmouth, NS
3. Bickerton – Port Bickerton, NS
4. Cap Nord – Charlottetown, PEI
5. Cape Edensaw – Saint John, NB
6. Cape Fox – Lark Harbour, NL
7. Cape Norman – Port au Choix, NL
8. Cape Spry – Souris, PE
9. Courtenay Bay – West Head, NS
10. Pennant Bay – St. Anthony, NL
11. Sambro – Sambro, NS
12. Spindrift – Louisburg, NS
13. W. G. George – Burgeo, NL
14. W. Jackman – Burin, NL
15. Westport – Westport, NS

5 CONSERVATION & PROTECTION

16. G. Peddle S.C.
17. Cape Light
18. Geliget
19. Pointe Caveau
20. S. Dudka

1 NAFO

21. Leonard J. Cowley

2 AIDS TO NAVIGATION

22. Edward Cornwallis – Sydney, NS
23. Sir William Alexander – Banc Des Americans, QC. November 20: Will be completing C&A buoy program started by the Edward Cornwallis. Decision was made to send the Edward Cornwallis to do the Labrador Coast buoy program since the current Commanding Officer has experience with the program.

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5 SCIENCE

- 24. Hudson – E of Flemish Cap
- 25. Teleost – St. Anthony, NL. Wx delay.
- 26. Alfred Needler – NE of Cape St. John, NL (Science/SAR 032)
- 27. Sigma T – Dartmouth, NS
- 28. Viola M. Davidson – St. Andrews, NB

1 ARCTIC

- 29. Louis S. St-Laurent – NE of Cape St. Francis, NL. ETA St. John's November 21.

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CENTRAL & ARCTIC REGION

16 SAR

1. Cap aux Meules – Cap-aux-Meules, QC
2. Cap de Rabast – Tadoussac, QC
3. Cap Percé – Kégaska, QC
4. Cap Rozier – Havre-Saint-Pierre, QC
5. Cap D'Espoir – Rivière-au-Renard, QC
6. Cap Tourmente – Québec, QC
7. Cape Chaillon – Thunder Bay, ON
8. Cape Commodore – Tobermory, ON
9. Cape Discovery – Goderich, ON
10. Cape Dundas – Amherstburg, ON
11. Cape Hearne – Kingston, ON
12. Cape Lambton – Port Dover, ON
13. Cape Providence – Meaford, ON. November 20: Gyro and Aldebaran issues after shore power breaker tripped overnight. No damage or effect to operations.
14. Cape Rescue – Cobourg, ON
15. Cape Storm – Port Weller, ON. November 20: Crew returned to stay at Port Weller Station after water treatment system repaired.

4 AIDS TO NAVIGATION

16. Samuel Risley – Melville Sound, ON. November 20: [REDACTED]
[REDACTED] Transit to Parry Sound to await relief personnel.
17. Caribou Isle – Parry Sound, ON
18. Cove Isle – Burlington, ON
19. Île Saint-Ours – Amherstburg, ON

4 SCIENCE

20. Frederick G. Creed – Rimouski, QC – Mobilization/demobilization
21. F.C.G Smith – Trois-Rivières, QC
22. Leim – Québec, QC – Maintenance
23. Limnos – Burlington, ON (AtoN/Science)

1 MSET

24. Caporal Kaebler V.C.

1 OTHER

25. Private Robertson V.C. – Québec, QC. Transit to St. John's, NL.

NOTE: The Corporal Teather C.V. has been temporarily transferred to the Atlantic region to help them cover SAR while one of their buoy tenders helps C&A with their AtoN program.

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WESTERN REGION

15 SAR

1. Bartlett – Queen Charlotte Strait, BC – Southern SAR
2. Gordon Reid – Seaforth Channel, BC – Northern SAR
3. Cape McKay – Bamfield, BC
4. Cape Farewell – Bella Bella, BC
5. Cape Palmerston – Campbell River, BC
6. Cape Kuper – French Creek, BC
7. Cape St. James – Ganges, BC
8. CG 158 – Kitsilano, BC
9. Cape Sutil – Port Hardy, BC
10. Cape Caution – Powell River, BC
11. Cape Dauphin – Prince Rupert, BC
12. Cape Mudge – Sandspit, BC
13. Siyay – Sea Island, BC
14. Cape Ann – Tofino, BC
15. Cape Calvert – Victoria, BC

1 C&P

16. Captain Goddard M.S.M.

3 SCIENCE

17. Vector – Patricia Bay, BC
18. Neocaligus – Beaver Harbour, BC

1 AIDS TO NAVIGATION

19. John P. Tully – McIntyre Bay, BC

1 TOWING

20. Atlantic Eagle – Victoria, BC

Kelly, Jason

From: Kelly, Jason
Sent: November-21-18 1:35 PM
To: Fagan, Robert
Cc: Walsh, Ray
Subject: RE: Regional Committee on Oil and Gas - Husky Spill

Ok thanks
Jason

From: Fagan, Robert
Sent: November-20-18 5:03 PM
To: Kelly, Jason
Cc: Walsh, Ray
Subject: RE: Regional Committee on Oil and Gas - Husky Spill

Jason,

Thanks for this update. Under the current Information Exchange Canada has with NAFO, Canada agreed to advise NAFO of accidental spills and discharges that occur in the NAFO Regulatory Area. While this spill occurred within the EEZ, NAFO and/or other Contracting Parties may request information given the proximity to the NRA, drift patterns etc. If a response is needed, we will be looking for your input.

From: Kelly, Jason
Sent: November-20-18 4:24 PM
To: Sooley, Darrin; McGrath, Joe; Lubar, John; Glavine, Paul; Ball, Dave; Firmage-O'Brien, Kelly J; Clarke, Keith; Mansour, Atef A H; Powell, Shawna; Fagan, Robert
Cc: Edison, Margo
Subject: Regional Committee on Oil and Gas - Husky Spill

Hello all, as an FYI only and to keep you in the loop, see email sent to our regional environmental incidents team.

Any questions please contact me

Jason

Jason Kelly

A/ Manager – Regulatory Review
Fisheries Protection Program, Ecosystems Management Branch
Fisheries and Oceans Canada, Government of Canada
P.O. Box 5667, St. John's, NL A1C 5X1
Ph: (709) 772-4126

Email: jason.kelly@dfo-mpo.gc.ca

From: Pilgrim, Bret

Sent: November-20-18 4:10 PM

To: Roberge, Michelle; Matheson, Kyle; Clarke, Keith; Norman, Leslie; Bungay, Kerry; Walsh, Jerry; McGrath, Joe; Knight, Jessie; Marshall, Glen; Dawe, Mary; Dunderdale, Sara; Whiffen, Sam

Cc: Kelly, Jason

Subject: DFO-NLEI Team: Searose Oil Release Friday Nov. 16.

Good afternoon NLEI Team,

As I'm sure most of you heard already, there was an oil release incident from the Searose (Husky) on Friday, Nov. 16. This email is to provide you with a brief overview/update on this incident.

1. DFO received a notification from the National Environmental Emergencies Centre (NEEC) at 1600 Friday, Nov. 16. **Note:** DFO receives NEEC notifications for all reported oil spills.
 - a. Husky identified issues with pressurization on flow line. At the time there was an oil slick of about 1 mile long.
2. Media sources and the CNLOPB reported approximately 250 cubic meters of product. The decision was made to use the worst case scenario for release volume until the incident has been fully investigated and a determined volume calculated. However, a true volume has yet to be confirmed.
3. Preliminary information on the spill indicates that it was likely a batch spill and not a continuous leak from the infrastructure. Husky are in the process of dispatching an ROV to take a look at the infrastructure, but have had delays due to high sea states and bad weather.
4. The high sea states are playing a role in the dispersion of the oil. Approximately 3000 L was observed on the sea surface on Day 1, which has decreased daily, and only small patches were reported today (we receive updates daily)
5. Ongoing vessel and aerial surveys are being conducted to locate oil and to carry out wildlife surveys for birds, marine mammals, sea turtles....
6. To date, a Science table has not been called by NEEC, but we are actively communicating with other regulators should the need arise.
 - a. Should a "Science Table" be called DFO will convene our internal Environmental Incidents Team, lead by the FPP and guided by the "Newfoundland and Labrador Environmental Incident (NLEI) Team Notification Procedures".
7. EM and Science are actively participating in daily updates, and will continue to keep you updated should relevant information become available.

Please let me know if you have any questions.

Bret

Bret Pilgrim

A/Sr. Biologist - Mining Regulatory Review
Fisheries Protection Program | Programme de protection des pêches
Ecosystems Management | Gestion des écosystèmes
Fisheries and Oceans Canada | Pêches et Océans Canada
Northwest Atlantic Fisheries Centre |
Centre des Pêches de l'Atlantique Nord-Ouest
80 East White Hills Road | 80, route White Hills est
PO Box 5667 | CP 5667
St. John's NL A1C 5X1 Canada
Tel. 709-772-6562

s.16(2)

From: Kelly, Jason
Sent: November-14-18 10:14 AM
To: Sooley, Darrin; McGrath, Joe; Lubar, John; Glavine, Paul; Ball, Dave; Firmage-O'Brien, Kelly J; Clarke, Keith; Mansour, Atef A H; Powell, Shawna; Fagan, Robert
Cc: Edison, Margo; Warren, Tonya; Griffiths, Helen
Subject: RE: Meeting - Regional Committee on Oil and Gas

See attached, yesterday's presentation from the Agency. This is for internal discussion only. Please do not share outside of the Dept.

Jason

<< File: SBonnell - Regional EA for DFO - Nov 13 2018.pdf >>

-----Original Appointment-----

From: Kelly, Jason
Sent: October-29-18 3:20 PM
To: Kelly, Jason; Sooley, Darrin; McGrath, Joe; Lubar, John; Glavine, Paul; Ball, Dave; Firmage-O'Brien, Kelly J; Clarke, Keith; Mansour, Atef A H; Powell, Shawna
Cc: Edison, Margo; Warren, Tonya; Griffiths, Helen
Subject: Meeting - Regional Committee on Oil and Gas
When: November-13-18 2:00 PM-4:00 PM (UTC-03:30) Newfoundland.
Where: DFO CONF St.Johns-80EastWhiteHillsRd-2-L14-200 CONF MPO

Location – Ecosystem Management Large Board Room (L14-200)

Teleconference Info

Conference ID [REDACTED]
Local Dial-in number 613-960-7510
Toll-free Dial-in number 1 877-413-4781

Hello all

The "Terms of Reference" for the committee should be forwarded to your RDs (for comment/approval) in the coming days.

I doubt we will have responses back by our initial meeting next week, but I suggest we proceed. We will review the TOR and other items at a follow-up meeting

I have invited the Canadian Environmental Assessment Agency to present on the first ever regional assessment being conducted under CEAA 2012.

The "Regional Assessment of Offshore Oil and Gas Exploratory Drilling East of Newfoundland and Labrador" is being led by CEA Agency, along with the Canada-Newfoundland and Labrador Offshore Petroleum Board (C-NLOPB), Natural Resources Canada and the Department of Natural Resources for Newfoundland and Labrador,

The assessment will focus on the effects of existing and anticipated offshore oil and gas exploratory drilling in the offshore area east of Newfoundland and Labrador. The Regional Assessment aims to improve the efficiency of the environmental assessment process as it applies to oil and gas exploration drilling, while at the same time ensuring the highest standards of environmental protection continue to be applied and maintained.

DFO will play an important role in provide information and advice to the Agency during the development of the assessment.

If you have any questions please feel free to contact me

Jason

Jason Kelly

A/ Manager – Regulatory Review
Fisheries Protection Program, Ecosystems Management Branch
Fisheries and Oceans Canada, Government of Canada
P.O. Box 5667, St. John's, NL A1C 5X1
Ph: (709) 772-4126
Email: jason.kelly@dfo-mpo.gc.ca

Kelly, Jason

From: Kelly, Jason
Sent: November-21-18 11:51 AM
To: Edison, Margo; Pike, Kelly J
Subject: RE: ACTION REQUIRED - NL/MINO Weekly Call

Updated from 11am call (in Red Text)

From: Edison, Margo
Sent: November-21-18 9:59 AM
To: Pike, Kelly J
Cc: Kelly, Jason
Subject: RE: ACTION REQUIRED - NL/MINO Weekly Call

Kelly,

I have another update for the MINO call. This was prepared by Jason. I feel the note could be updated. The most notable items will be updated. Also, Jason will be doing another call at 1100 hrs and may be able to provide further updates on the response.

Update Nov 20th, 2018 3pm - Husky Spill

As you are already aware, on Fri, Nov 16th, 2018 DFO (FPP) received notifications of the Husky Oil spill incident from the National Environmental Emergencies Centre (NEEC). The current estimate of product lost is 250m3 (250,000L) of crude oil.

The C-NLOPB is the Lead Responding Agency for spills related to offshore exploration and production facilities with their area of jurisdiction. The C-NLOPB may request the NEEC to call a "Science Table" of federal authorities to assist in the provision of advice and information to assist in the response.

Should a "Science Table" be called DFO will convene our internal Environmental Incidents Team, led by the FPP and guided by the "Newfoundland and Labrador Environmental Incident Team Notification Procedures". The team includes a representative from all sectors to provide expert advice on areas such as fisheries, marine mammals, sensitive species and habitats. A single coordinated DFO response would then be developed and forwarded to NEEC.

To date, a Science table has not yet been called by NEEC, however FPP are in communication with NEEC and will be advised if one is required.

The FPP has been participating in daily incident update calls lead by Husky Energy, which started on Tuesday Nov 20th:

- Participants - Husky, CNLOPB, ECCC and DFO (FPP, Science)
- Husky provided a recap of surveying activities and discussed wildlife observations which include marine mammals, turtles. Vessel and aerial surveys are ongoing.
- There were six small oil sheens reported on the morning of Nov 20th, but could not be located in the afternoon survey.
- Discussed how oiled birds will be handle and rehabilitated.

As an initial step, DFO Science sector has provided information to the NEEC on marine mammals expected in the area, pelagic and benthic fish species and that spill is not within a MPA or EBSA.

Thanks
Margo

From: Pike, Kelly J
Sent: Tuesday, November 20, 2018 3:05 PM
To: Butler, Annette <Annette.Butler@dfo-mpo.gc.ca>
Cc: Finn, Ray <Ray.Finn@dfo-mpo.gc.ca>; Bieger, Tilman <Tilman.Bieger@dfo-mpo.gc.ca>; Edison, Margo
<Margo.Edison@dfo-mpo.gc.ca>
Subject: FW: ACTION REQUIRED - NL/MINO Weekly Call

Annette, see input from EM Branch for MINO call.

If you need anything further, please let me know.

Thanks,

Kelly

Kelly, Jason

From: Kelly, Jason
Sent: November-21-18 11:56 AM
To: Edison, Margo; Pike, Kelly J
Subject: RE: ACTION REQUIRED - NL/MINO Weekly Call

Updated again from 11am call (in Red Text)

From: Edison, Margo
Sent: November-21-18 9:59 AM
To: Pike, Kelly J
Cc: Kelly, Jason
Subject: RE: ACTION REQUIRED - NL/MINO Weekly Call

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- Participants - Husky, CNLOPB, ECCC and DFO (FPP, Science)
- Husky provided a recap of surveying activities and discussed wildlife observations which include marine mammals, turtles. Vessel and aerial surveys are ongoing.
- Afternoon aerial survey did not detect oil sheens.
- Discussed how oiled birds will be handle and rehabilitated.

As an initial step, DFO Science sector has provided information to the NEEC on marine mammals expected in the area, pelagic and benthic fish species and that spill is not within a MPA or EBSA.

Thanks
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<Margo.Edison@dfo-mpo.gc.ca>
Subject: FW: ACTION REQUIRED - NL/MINO Weekly Call

Annette, see input from EM Branch for MINO call.

If you need anything further, please let me know.

Thanks,

Kelly

Kelly, Jason

From: Kelly, Jason
Sent: November-21-18 11:58 AM
To: Edison, Margo; Pike, Kelly J
Subject: RE: ACTION REQUIRED - NL/MINO Weekly Call

Last one I promise, forgot to change date. (in Red Text)

From: Edison, Margo
Sent: November-21-18 9:59 AM
To: Pike, Kelly J
Cc: Kelly, Jason
Subject: RE: ACTION REQUIRED - NL/MINO Weekly Call

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- Aerial survey on the afternoon of Nov 20th did not detect oil sheens.
- Discussed how oiled birds will be handle and rehabilitated.

As an initial step, DFO Science sector has provided information to the NEEC on marine mammals expected in the area, pelagic and benthic fish species and that spill is not within a MPA or EBSA.

Thanks
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Sent: Tuesday, November 20, 2018 3:05 PM
To: Butler, Annette <Annette.Butler@dfo-mpo.gc.ca>
Cc: Finn, Ray <Ray.Finn@dfo-mpo.gc.ca>; Bieger, Tilman <Tilman.Bieger@dfo-mpo.gc.ca>; Edison, Margo
<Margo.Edison@dfo-mpo.gc.ca>
Subject: FW: ACTION REQUIRED - NL/MINO Weekly Call

Annette, see input from EM Branch for MINO call.

If you need anything further, please let me know.

Thanks,

Kelly

LeBlanc, Brian (Acting AC, Atlantic Region)

From: Miller, Anne
Sent: November 21, 2018 6:30 PM
To: MSOC-East / COSM-Est (DFO/MPO)
Cc: Yard, David C; LeBlanc, Brian (Acting AC, Atlantic Region)
Subject: Fwd: Incident SITREP 006 ER, FPSO Sea Rose - 250 Cubic Meters Crude Oil Spill

Please distribute the attached sitrep.

Thanks, Anne

Sent from my iPhone

Begin forwarded message:

From: "Yard, David C" <David.Yard@dfo-mpo.gc.ca>
Date: November 21, 2018 at 5:39:38 PM NST
To: "Miller, Anne" <Anne.Miller@dfo-mpo.gc.ca>
Subject: Incident SITREP 006 ER, FPSO Sea Rose - 250 Cubic Meters Crude Oil Spill

1. CCG Region/Incident Name: Sea Rose FPSO release estimated at 250 cubic meters of crude
2. Incident Category/Type: Marine ER Type 4
3. Date/Time: November 21, 16:30hrs
4. Primary Department(s)/Agency(s): C-NLOPB
5. Supporting Departments/Agencies: ECCC, CCG, CWS
6. Regional Location: Atlantic
 - a. Province/Territory: Newfoundland and Labrador
 - b. City: N/A
 - c. Amplifying location: Sea Rose FPSO, White Rose Oil Field.
7. Current Situation: PAL surveillance flight this afternoon with CWS representative on board currently involved in a marine mammal /seabird survey. Husky Energy's Regional Response Management Team (RRMT) remains activated at their Response Centre in St. John's. MOU between CCG and CNLOPB was officially activated on November 19, 2018.
8. Actions Taken: CCG ER remains in close contact with C-NLOPB and ECCC.
Current Actions (other): Husky Energy continues to stand up their response center in St. John's. Wildlife surveillance flight in field this afternoon.
9. Media/Public Communications: High media interest.
10. Activities Next 24 Hours: A science table meeting has been arranged by Board for 22 November. CCG ER will remain in contact with C-NLOPB and keep personnel and resources are on standby for any Resource Agency requests for support.

11. Environmental Factors: Weather on site prevented surveillance flight this morning.
12. Significant Issues: N/A
13. Personnel Status: 3 CCG ER Personnel
14. Equipment Status: Industry – Surveillance Aircraft (PAL), three OSV's – Skandi Vinland ROV Operations on site for subsurface assessment, Maersk Dispatcher – Wildlife Observer and Spill Surveillance, Atlantic Hawk – Safety Stand-by and regular surveillance sweeps.
15. New Requirements: N/A
16. Command Assessment: Continue to monitor incident for further developments and respond to any requests for support from C-NLOPB as required.
17. Next SITREP: Approximately 16:00 local time Thursday

LeBlanc, Brian (Acting AC, Atlantic Region)

From: MSOC-East / COSM-Est (DFO/MPO)
Sent: November 21, 2018 6:33 PM
To: DFO.F CCG Nat Incidents / Incidents Nat GCC F.MPO
Subject: Incident SITREP 006 ER, FPSO Sea Rose - 250 Cubic Meters Crude Oil Spill

Subject: Incident SITREP 006 ER, FPSO Sea Rose - 250 Cubic Meters Crude Oil Spill

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15. New Requirements: N/A

16. Command Assessment: Continue to monitor incident for further developments and respond to any requests for support from C-NLOPB as required.

17. Next SITREP: Approximately 16:00 local time Thursday

Maritime Security Officer / Agent de sécurité maritime Canadian Coast Guard / Garde côtière
canadienne Marine Security Operations Centre - East / Centre d'opérations de la sécurité maritime – Est
CFB Halifax / BFC Halifax Building D-201 / Bâtiment D-201
2737 Provo Wallis Street
PO Box 99000 Stn Forces / PO Box 99000 Succ Forces Halifax, Nova Scotia, Canada B3K 5X5
msoceast@dfo-mpo.gc.ca Telephone / Téléphone: (902) 427-0662 Fax / Télécopieur: (902) 427-7841
Secure Telephone/Fax / Téléphone/Télécopieur Sûr: (902) 427-2987 Government of Canada /
Gouvernement du Canada

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Fennelly, Stephanie

From: Yard, David C
Sent: Wednesday, November 21, 2018 5:33 PM
To: Miller, Anne
Subject: Re: Incident SITREP 006 ER, FPSO Sea Rose - 250 Cubic Meters Crude Oil Spill

I will add science table meeting to sitrep and send back.

Sent from my BlackBerry 10 smartphone on the Bell network.

From: Miller, Anne
Sent: Wednesday, November 21, 2018 17:28
To: Yard, David C
Subject: Re: Incident SITREP 006 ER, FPSO Sea Rose - 250 Cubic Meters Crude Oil Spill

Can we add that to the sitrep.. [REDACTED]

Sent from my iPhone

On Nov 21, 2018, at 5:21 PM, Yard, David C <David.Yard@dfo-mpo.gc.ca> wrote:

Nothing going on today for us with board. No flights for CCG and they said it is still a number of days before they have a response plan from Husky for us too look at. I just got an email to say they are going to have a science table tomorrow evening. It sure is a different pace compared to a similar incident from vessel.

Do want to hold off on sitrep and send out update after science table tomorrow or let go as is?

Sent from my BlackBerry 10 smartphone on the Bell network.

From: Miller, Anne
Sent: Wednesday, November 21, 2018 17:05
To: Yard, David C
Subject: Fwd: Incident SITREP 006 ER, FPSO Sea Rose - 250 Cubic Meters Crude Oil Spill

This really doesn't say much. Is there more detail that we can provide.

Sent from my iPhone

Begin forwarded message:

From: "Yard, David C" <David.Yard@dfo-mpo.gc.ca>
Date: November 21, 2018 at 3:52:40 PM NST
To: "Miller, Anne" <Anne.Miller@dfo-mpo.gc.ca>
Subject: Incident SITREP 006 ER, FPSO Sea Rose - 250 Cubic Meters Crude Oil Spill

1. CCG Region/Incident Name: Sea Rose FPSO release estimated at 250 cubic meters of crude

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8. Actions Taken: CCG ER remains in close contact with C-NLOPB and ECCC. Current Actions (other): Husky Energy continues to stand up their response center in St. John's. Wildlife surveillance flight in field this afternoon.
9. Media/Public Communications: High media interest.
10. Activities Next 24 Hours: CCG ER personnel will remain in contact with C-NLOPB as assessment progresses and will continue to monitor incident for developments. CCG ER will continue close coordination with the Board's Response Center (ICP).
11. Environmental Factors: Weather on site prevented surveillance flight this morning.
12. Significant Issues: N/A
13. Personnel Status: 3 CCG ER Personnel
14. Equipment Status: Industry – Surveillance Aircraft (PAL), three OSV's – Skandi Vinland ROV Operations on site for subsurface assessment, Maersk Dispatcher – Wildlife Observer and Spill Surveillance, Atlantic Hawk – Safety Stand-by and regular surveillance sweeps.
15. New Requirements: N/A
16. Command Assessment: Continue to monitor incident for further developments and support C-NLOPB as required.
17. Next SITREP: Approximately 16:00 local time Thursday

Richards, Dale E

De: Matheson, Kyle
Envoyé: November-21-18 8:43 AM
À: Richards, Dale E
Objet: Science response - Searose oil spill - marine mammals;

Hi Dale,

I just wanted to keep you posted. I have copied below the responses I received from Jack and Garry regarding potential marine mammals in the area related to the Searose oil spill Fri Nov 16. I have not reached out to any other members of science in NL for specific information (mostly only updates at this point). My original e-mail to them at the bottom also provides a brief update of the situation.

Cheers, Kyle

From: Lawson, Jack
Sent: November-19-18 11:53 AM
To: Matheson, Kyle
Cc: Stenson, Garry
Subject: Re: Searose oil spill - marine mammals;

There could potentially be a number of cetacean species found in the spill area, although this would vary greatly from day to day as these animals are highly mobile. It is possible that species listed under SARA (such as blue and fin whales, and killer whales) could be sighted there now, in addition to small cetaceans such as white-beaked dolphins. Deep-diving species such as sperm whales, pilot whales, and beaked whales (such as northern bottlenose and Sowerby's beaked whales) are more likely to be sighted further east on the edge of the Grand Banks, but given that sperm whales are routinely sighted following trawlers on the Grand Banks, it is possible that this species could also be seen in the spill area.

Given the apparent diffusion of this spill, and the mobile nature of these cetaceans I do not expect a significant impact on these animals. Particularly in comparison to the potential impact on seabirds, which rely on clean feathers for insulation.

Given the extent of monitoring that has and will be undertaken we would be most interested to obtain any aerial or vessel-based imagery of marine mammals in or near the spill area to determine species, ages, and possibly behaviour.

regards, Jack

Dr. Jack Lawson
Research Scientist / Chercheur scientifique
Marine Mammals Section / Section de mammifères marins
Fisheries and Oceans Canada / Pêches et Océans Canada
NAFC, 80 East White Hills Rd.
St. John's, NL / Terre-Neuve et Labrador
Canada A1C 5X1
(709) 772-2285 (709) 772-4188 (FAX)
Jack.Lawson@dfo-mpo.gc.ca
Twitter: @drjwlawson

On Nov 19, 2018, at 11:25, Stenson, Garry <Garry.Stenson@dfp-mpo.gc.ca> wrote:

Hi Kyle

I am not sure if Jack got back to you yet. With respect to harp and hooded seals, this area is part of their winter feeding range. However, these two species summer in the Arctic and are not usually seen much around here until Dec. There may be the odd animal out there but I would not expect a huge number this early in the fall.

Garry

From: Matheson, Kyle
Sent: November-18-18 4:58 PM
To: Stenson, Garry; Lawson, Jack
Subject: Searose oil spill - marine mammals;

Hi Garry and Jack,

I wanted to provide you both with a quick update on the current oil spill incident from the Searose FSPO that you have likely heard about in the news this weekend.

The incident happened ~300 km offshore and was reported to have a subsea release of 250 t of crude oil. Sea state conditions have prevented containment or clean-up operations and a ROV has not been able to further assess the situation (unlikely until Mon or Tues)

Initial overflights yesterday assessed the surface slick to contain ~2500 L (and covered an area of ~ 160 km²) and another overflight today assessed ~500 L on the surface and no new oil on the surface. This indicates that it was likely a batch release (and is not continuous) and the sea state is naturally dispersing the product, which are both good.

Husky has produced a Wildlife Response Plan, which we saw the first draft of today. There was no mention of marine mammal observations, so we have requested that this be addressed in the revised plan. We have also requested the credentials of the wildlife observers that will be on the surveys. I believe from past conversations you have mentioned that LGL is experienced with marine mammal observations. Tony Lang (LGL) is one of the observers. Are you familiar with him? I expect to receive a revised Wildlife Response Plan today or Monday and will forward any questions that I have to you both as I review it.

Finally, from looking at the data Nadine Wells collected for the EBSA process, this area showed a higher diversity of marine mammals relative to surrounding areas. Harp and hooded seals were listed, as well as killer whales and other small whales (although seasonality was not indicated). Can you confirm what marine mammal species are likely to be observed at this time of year in that area (I have attached a map)?

Thanks, Kyle

Kelly, Jason

From: Kelly, Jason
Sent: November-21-18 9:55 AM
To: Pilgrim, Bret
Subject: Re: Searose Incident Update

Thanks bret

Sent from my BlackBerry 10 smartphone on the Bell network.

From: Pilgrim, Bret
Sent: Wednesday, November 21, 2018 9:33 AM
To: Kelly, Jason
Subject: Searose Incident Update

Jason,

We are in continual contact with Graham. We asked with news of a few more small patches of oil found on the surface yesterday, did he foresee any changes/new expected requests for DFO (e.g. Science Table etc)?

Graham's response was "Nothing additional at this time, I have no information on the extend of those patches, another flight was scheduled for this afternoon (Tuesday) to get more info"

The daily update call is at 1100. I will be participating.

Bret

Bret Pilgrim

Fisheries Protection Biologist
Fisheries Protection Program | Programme de protection des pêches
Ecosystems Management | Gestion des écosystèmes
Fisheries and Oceans Canada | Pêches et Océans Canada
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Centre des Pêches de l'Atlantique Nord-Ouest
80 East White Hills Road | 80, route White Hills est
PO Box 5667 | CP 5667
St. John's NL A1C 5X1 Canada
Tel. 709-772-6562

Best available copy

More legible when enlarged.

SEARCHSE UPDATE

Date NOV 20

2nd flight today - 1215

4 6 spots of oil - 50mm SW of sea view

Recap for 21st

4 summary table distributed & transit to be obtained (some items)

4 map to be made 5x5 in grid to show survey plot.

4 survey to include marine mammals.

4 request images of mammals.

4 mammals spots near oil slick - dolphins

4 transit survey to be included in plan / route

Today Plans

4 goal
shams by date
broken down } all to be
included in a plan to
be sent out.

Sea Bird Centre contacted (captured birds to be transferred to St John's)

3 captured

2 on way to SBC

Seawase Update

Nov 21

Date

Board Hasky.

CW's

DFC

NEEL

Recaps

• Grid Box' Patten

4 B1 B2 B3 C1 - Transit

C2 C3 - Today's focus

• Block/day/week

Birds

Oiled - Nov 20

3 Birds on seawase 1 dead - to be shipped today

2 Bird at SBC currently.

Trustle Environmental (TR)

Plan today

C2 C3 - focus on oiled skins & follow Tuttle

Wink - skin remove.

Flight yesterday

- 6 spots oiled - could be found / no skin

- ID'd by P2 crew

4 flights - no skin

Bird claim of custody

- working on spreadsheet today.

issues.

Page

1-12

Seawose Update

Date NOV 22.

Reports are due 9 am next day

Summary

- * No oil visible Nov 21
- * 2 Birds at center
- * 3 Birds went to center this morning

Grid pattern

C2 & C3

Tolung - E6, F6, B4, C4

Tin - E5, F5, D4, E4

SH Ec D6

2 Birds / play day to spring tundra 1 km (west of SH)

Discussion

cannot play day to Saturday

End point?

if no birds by Saturday - End point?

US continue to need good quality information to estimate bird population effects.

TABLE 1

~~NOV 25~~ DATA

FLIGHTS → no longer looking for oil but concentrate on wildlife survey.

Page |

- 1

EC

Environment Canada

ET Science Table

Nov

Date

open remarks.

Board →

NEEC - coordination effort between groups

Seawall Left Offshore

- 2 km - steel diameter pipe for ground to seawall
- Seawall shut down Thursday
- Fishy - lost power while trying to start up again
- 250 cm
- 1000 cm in flow line

1st phase 1/600 - 4h. after.

- estimate from air by 2700+ litres.
- ROV detected problem with pipe on west bank
- 15 observed oil slicks

Dave Bunkley

CNECB & Husky carrying out investigation

CWS →

Resource at Risk update

- Bird species distribution to 10 species in the area.
- 13 oil slicks

2 control sites for EEM under normal operation.

Page

Steve Bettle. → Husky

Paul Havel.

Seance Update

Date Nov 23

Today	YD	TD	TA1
3 runs!	E6 F6	C4 D5	A2 B3 44
	D4 C4	D4 E4	
		E5 F5	
		C5 D5	
		14	F4 E3 D3 D2

Discuss! Bird pattern & plan for blocking
- all birds merged by Sunday

- Flight blocking for all is complete
- flight will be conducted during the morning
as wildlife survey when weather is appropriate.

- update wildlife plans to be updated & provided
today.

First reorganization →

Reaper Note →

Send girl -

773 37055

Seamless update Nov 27

Date

W/20/21

initial

Today

Amos

D2, B3, C3,

D6, E6

Flight used - Friday this week

↳ out near flight & will survey

Seamless update Nov 28

Kelly, Jason

From: Kelly, Jason
Sent: November-22-18 1:13 PM
To: Pilgrim, Bret
Subject: RE: Searose Incident Update Nov 22, 2018

Thanks Bret

From: Pilgrim, Bret
Sent: November-22-18 11:41 AM
To: Kelly, Jason
Subject: RE: Searose Incident Update Nov 22, 2018

Summary of the Call this morning (Nov 22)

Participants:

Husky, CNLOPB, CWS, NEEC, DFO

- Recap on yesterdays (Nov 21)activities
 - Completed transect surveys of grid blocks C2 and C3
 - Transect spacing has changed from 0.5 nm to 1nm. A Ship can now complete two grid block/day
 - No oil or oiled wildlife was identified
- Focus for today (Nov 22)
 - Completed transect survey of blocks E6, F6, B4, C4. These blocks were identified as possible sheen location based on tracker buoy path.
 - Update on birds. We receive daily wildlife surveys.
- I requested more consistency in the approach to reporting mammal sighting as reports from ships were not indicating that they were surveying for marine mammal as well as seabird. Husky agreed to update reporting template and communicate changes to ships/observers.

Bret

From: Pilgrim, Bret
Sent: November-21-18 11:45 AM
To: Kelly, Jason
Subject: RE: Searose Incident Update Nov 21, 2018

Participated on the update call at 1100.

Participants:

Husky, CNLOPB, CWS, NEEC, DFO

Not a lot to report.

- Recap on yesterdays (Nov 20)activities
 - Completed transect surveys of grid blocks B1, B2, B3, C1 (SEE ATTACHED MAP)
 - Can complete survey of one block/day/vessel
 - 2 aerial surveys completed
 - One Minke whale spotted
- Focus for today (Nov 21)
 - Completed transect survey of blocks C2, C3. These blocks were identified as possible sheen location based on tracker buoy path.

- Update on birds. We receive daily wildlife surveys.
- The 6 small spots of oil identified on Nov 20 by PAL crew in the morning could not be located in the afternoon flight. No oil sheen locations have been currently identified.
- **Next update call Nov 22, 2018 @ 1100**

Bret

From: Pilgrim, Bret
Sent: November-21-18 9:32 AM
To: Kelly, Jason
Subject: Searose Incident Update

Jason,

We are in continual contact with Graham. We asked with news of a few more small patches of oil found on the surface yesterday, did he foresee any changes/new expected requests for DFO (e.g. Science Table etc)?

Graham's response was "Nothing additional at this time, I have no information on the extend of those patches, another flight was scheduled for this afternoon (Tuesday) to get more info"

The daily update call is at 1100. I will be participating.

Bret

Bret Pilgrim

Fisheries Protection Biologist
Fisheries Protection Program | Programme de protection des pêches
Ecosystems Management | Gestion des écosystèmes
Fisheries and Oceans Canada | Pêches et Océans Canada
Northwest Atlantic Fisheries Centre I
Centre des Pêches de l'Atlantique Nord-Ouest
80 East White Hills Road I 80, route White Hills est
PO Box 5667 I CP 5667
St. John's NL A1C 5X1 Canada
Tel. 709-772-6562

Crann, Larry

From: Crann, Larry
Sent: November-22-18 11:56 AM
To: Yard, David C; English, Ambrose C; George, Terri Lynn; Grant, Robert
Subject: Fw: Husky Update

FYI

Sent from my BlackBerry 10 smartphone on the Bell network.
Original Message

**Pages 770 to / à 772
are withheld pursuant to sections
sont retenues en vertu des articles**

19(1), 24(1)

**of the Access to Information Act
de la Loi sur l'accès à l'information**

Pages 773 to / à 774
are withheld pursuant to section
sont retenues en vertu de l'article

24(1)

of the Access to Information Act
de la Loi sur l'accès à l'information

Mills, Becky

From: Miller, Anne
Sent: November-22-18 10:40 AM
To: Brooks, Robert
Subject: Fwd: Offshore Spill Update

Hi Robert,

For ur situational awareness and later discussion Attached is an update from Husky (operator of FPSO) on the Sea Rose spill.

Following this email is another with the ECCC update for the same reason.

The rest we should discuss over Telecon.

FYI: Husky is the operator, C-NLOPB is the regulator and the lead federal agency/dept is the national energy board. ECCC has a similar role as CCG for response in providing scientific advice. But with an enforcement role with post incident respect to the impacts to the environment and wildlife.

Anne

Sent from my iPhone

Begin forwarded message:

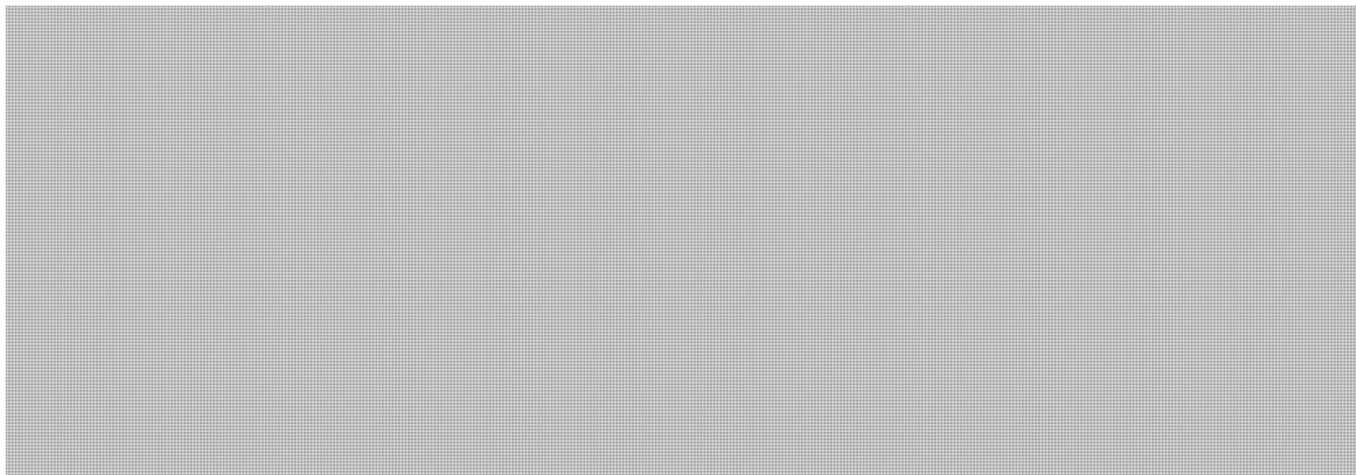
From: "Yard, David C" <David.Yard@dfo-mpo.gc.ca>
Date: November 22, 2018 at 11:01:05 AM NST
To: "Miller, Anne" <Anne.Miller@dfo-mpo.gc.ca>
Subject: Fw: Offshore Spill Update

Fyi

Sent from my BlackBerry 10 smartphone on the Bell network.

From: Crann, Larry <Larry.Crann@dfo-mpo.gc.ca>
Sent: Thursday, November 22, 2018 09:51
To: Yard, David C
Subject: Offshore Spill Update

Husky's Update



CCG Updates:

- The Board (C-NLOPB) has activated their MOU with the CCG to provide Resource Agency support as required.
- At request of the Board, CCG has provided a Senior Response Officer to conduct observations on their surveillance flights.
- CCG resources has been requested by the Board to provide operational advice on Response Plans as they are developed.

Environmental Emergencies Science table meeting scheduled for today @ 15:30 local time CCG will participate in this meeting.

Mills, Becky

From: Miller, Anne
Sent: November-22-18 9:22 AM
To: Brooks, Robert
Subject: RE: Incident SITREP 006 ER, FPSO Sea Rose - 250 Cubic Meters Crude Oil Spill

Hi Robert,
 It's the ER personnel and equipment in general. With the activation of the MOU its anticipated that there will be a request for personnel resources and enegagement for the review in an advisory capacity once their response has been established.

Anne Miller

Regional Director, Incident Management, Atlantic Region | Directrice Régionale, Gestion des incidents, Région de l'Atlantique
 Canadian Coast Guard | Garde côtière canadienne

CCG Atlantic Region, Dartmouth Office | GCC, Région de l'Atlantique, Bureau de Dartmouth
 50 Discovery Drive | 50 chemin Discovery
 PO Box 1000 | CP 1000
 Dartmouth N.S. | N.-É. B2Y 3Z8

Téléphone | Telephone : 902-426-9022

Cell | Cellulaire : [REDACTED]

Email | Courriel : Anne.Miller@dfo-mpo.gc.ca

From: Brooks, Robert
Sent: November-21-18 7:26 PM
To: Miller, Anne
Subject: FW: Incident SITREP 006 ER, FPSO Sea Rose - 250 Cubic Meters Crude Oil Spill

Hi Anne,

Anticipatory question – what CCG assets are on standby?

R

From: Gascon, Julie
Sent: Wednesday, November 21, 2018 5:36 PM
To: MSOC-East / COSM-Est (DFO/MPO) <MSOC-East.XNAT@dfo-mpo.gc.ca>
Cc: Spurrell, Wade <Wade.Spurrell@DFO-MPO.GC.CA>; Brooks, Robert <Robert.Brooks@dfo-mpo.gc.ca>; Tettamanti, Ryan <Ryan.Tettamanti@dfo-mpo.gc.ca>
Subject: RE: Incident SITREP 006 ER, FPSO Sea Rose - 250 Cubic Meters Crude Oil Spill

Can we have the new information in the SITREP in red please. merci

From: MSOC-East / COSM-Est (DFO/MPO)
Sent: November 21, 2018 5:03 PM
To: DFO.F CCG Nat Incidents / Incidents Nat GCC F.MPO <DFO.FCCGNatIncidents-IncidentsNatGCCF.MPO@dfo-mpo.gc.ca>
Subject: Incident SITREP 006 ER, FPSO Sea Rose - 250 Cubic Meters Crude Oil Spill

Subject: Incident SITREP 006 ER, FPSO Sea Rose - 250 Cubic Meters Crude Oil Spill

1. CCG Region/Incident Name: Sea Rose FPSO release estimated at 250 cubic meters of crude
2. Incident Category/Type: Marine ER Type 4
3. Date/Time: November 21, 16:30hrs
4. Primary Department(s)/Agency(s): C-NLOPB
5. Supporting Departments/Agencies: ECCC, CCG, CWS
6. Regional Location: Atlantic
 - a. Province/Territory: Newfoundland and Labrador
 - b. City: N/A
 - c. Amplifying location: Sea Rose FPSO, White Rose Oil Field.
7. Current Situation: PAL surveillance flight this afternoon with CWS representative on board currently involved in a marine mammal /seabird survey. Husky Energy's Regional Response Management Team (RRMT) remains activated at their Response Centre in St. John's. MOU between CCG and CNLOPB was officially activated on November 19, 2018.
8. Actions Taken: CCG ER remains in close contact with C-NLOPB and ECCC.
Current Actions (other): Husky Energy continues to stand up their response center in St. John's. Wildlife surveillance flight in field this afternoon.
9. Media/Public Communications: High media interest.
10. Activities Next 24 Hours: A science table meeting has been arranged by Board for 22 November. CCG ER will remain in contact with C-NLOPB and keep personnel and resources are on standby for any Resource Agency requests for support.
11. Environmental Factors: Weather on site prevented surveillance flight this morning.
12. Significant Issues: N/A
13. Personnel Status: 3 CCG ER Personnel
14. Equipment Status: Industry – Surveillance Aircraft (PAL), three OSV's – Skandi Vinland ROV Operations on site for subsurface assessment, Maersk Dispatcher – Wildlife Observer and Spill Surveillance, Atlantic Hawk – Safety Stand-by and regular surveillance sweeps.
15. New Requirements: N/A
16. Command Assessment: Continue to monitor incident for further developments and respond to any requests for support from C-NLOPB as required.
17. Next SITREP: Approximately 16:00 local time Thursday

Maritime Security Officer / Agent de sécurité maritime Canadian Coast Guard / Garde côtière
canadienne Marine Security Operations Centre - East / Centre d'opérations de la sécurité maritime – Est
CFB Halifax / BFC Halifax Building D-201 / Bâtiment D-201
2737 Provo Wallis Street

PO Box 99000 Stn Forces / PO Box 99000 Succ Forces Halifax, Nova Scotia, Canada B3K 5X5
msoceast@dfo-mpo.gc.ca Telephone / Téléphone: (902) 427-0662 Fax / Télécopieur: (902) 427-7841
Secure Telephone/Fax / Téléphone/Télécopieur Sûr: (902) 427-2987 Government of Canada /
Gouvernement du Canada

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LeBlanc, Brian (Acting AC, Atlantic Region)

From: Miller, Anne
Sent: November 22, 2018 5:26 PM
To: MSOC-East / COSM-Est (DFO/MPO)
Cc: LeBlanc, Brian (Acting AC, Atlantic Region); Yard, David C
Subject: FW: Incident SITREP 007 ER, FPSO Sea Rose - 250 Cubic Meters Crude Oil Spill

Please distribute the attached sitrep.

Thanks, Anne

Anne Miller

Regional Director, Incident Management, Atlantic Region | Directrice Régionale, Gestion des incidents, Région de l'Atlantique
 Canadian Coast Guard | Garde côtière canadienne

CCG Atlantic Region, Dartmouth Office | GCC, Région de l'Atlantique, Bureau de Dartmouth
 50 Discovery Drive | 50 chemin Discovery
 PO Box 1000 | CP 1000
 Dartmouth N.S. | N.-É. B2Y 3Z8

Téléphone | Telephone : 902-426-9022
 Cell | Cellulaire : [REDACTED]
 Email | Courriel : Anne.Miller@dfo-mpo.gc.ca

From: Yard, David C
Sent: November-22-18 5:23 PM
To: Miller, Anne
Subject: Incident SITREP 007 ER, FPSO Sea Rose - 250 Cubic Meters Crude Oil Spill

1. CCG Region/Incident Name: Sea Rose FPSO release estimated at 250 cubic meters of crude
2. Incident Category/Type: Marine ER Type 4
3. Date/Time: November 22, 16:30hrs
4. Primary Department(s)/Agency(s): C-NLOPB
5. Supporting Departments/Agencies: ECCC, CCG, CWS
6. Regional Location: Atlantic
 - a. Province/Territory: Newfoundland and Labrador
 - b. City: N/A
 - c. Amplifying location: Sea Rose FPSO, White Rose Oil Field.
7. Current Situation: Husky Energy Incident Command Post has been shut down. Staff remain on call ready to reconvene. Husky preparing plan on how to repair subsea flowline and will submit to CNLOPB for approval.
8. Actions Taken: CCG ER remains in close contact with C-NLOPB and ECCC. CG ER attended a Science Table meeting at CNLOPB office this afternoon.
 Current Actions (other): ECCC chaired a Science Table at CNLOPB office today. Wildlife surveillance flight in field this afternoon and will continue daily.

9. Media/Public Communications: High media interest.

10. Activities Next 24 Hours: CCG ER will remain in contact with C-NLOPB for any Resource Agency requests for support.

11. Environmental Factors: Weather on site can hamper flights and disrupt wildlife surveys.

12. Significant Issues: N/A

13. Personnel Status: 3 CCG ER Personnel

14. Equipment Status: Industry – Surveillance Aircraft (PAL), three OSV's – Skandi Vinland ROV Operations on site for subsurface assessment, Maersk Dispatcher – Wildlife Observer and Spill Surveillance, Atlantic Hawk – Safety Stand-by and regular surveillance sweeps.

15. New Requirements: N/A

16. Command Assessment: Continue to monitor incident for further developments and respond to any requests for support from C-NLOPB as required.

17. Next SITREP: Approximately 16:00 local time Friday

Annibalini, Sara

From: NCC / CCN (DFO/MPO)
Sent: Thursday, November 22, 2018 8:15 AM
To: Amelin, Vasili; Atchison, Chris; Bisaillon, Annie; Brooks, Robert; Dugal, Jean-Luc; Dussault, Sheyla; Gascon, Julie; Harvey, Clifford; Haubert, Marie-Christine; Hill, Johanna; Hutchinson, Jeffery; Ivany, Gary; Lebel, Mathieu; Lipohar, Peter; Lockhart, Tara; Mackenzie, Joey; Main Ops Officer / Agent principal des Ops (DFO/MPO); Montreal Ops / Ops Montréal (DFO/MPO); Morelli, Carolyn; Morphet, Jason (NCR); Moss, Derek; NCC / CCN (DFO/MPO); Olson, Kathleen; Pelchat, Isabelle; Pelletier, Mario; Perry, Nigel; peter.lipohar@forces.gc.ca; Richardson, John; CCG ATL ROC / COR ATL GCC (DFO/MPO); ROC1 / COR1 (DFO/MPO); Ryan, Sam; Sanderson, Marc; Smith, Fiona; Tettamanti, Ryan; Trudeau, Miriam; Western ROC Superintendent \ Surintendant ROC Ouest (DFO/MPO); Wight, Robert; Wyse, David E
Cc: NCC / CCN (DFO/MPO)
Subject: Morning Ops - November 22
Attachments: Morning Ops Brief - 2018-11-22 RD.pdf; 2018-11-22 RD.docx

Good morning,

Here is a copy of the Operational brief for today.

Best regards,

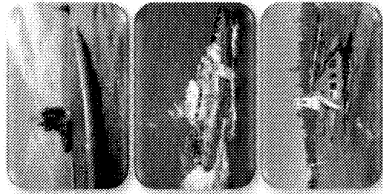
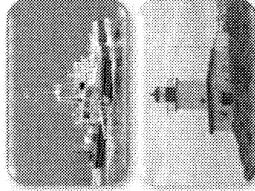
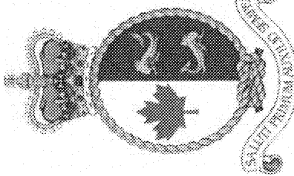
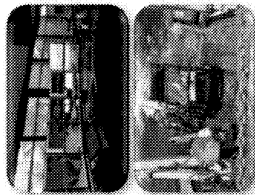
Marie-Michelle Bélanger
Operations Officer | Officier des opérations
National Command Centre (NCC) | Centre de commandement national (CCN)
Canadian Coast Guard | Garde côtière canadienne
200 Kent Street, 7E310J | 200 rue Kent, 7E310J Ottawa, Ontario, K1A 0E6
Tel: (613) 998-1497 Fax: (613) 991-9000
Email: Marie-Michelle.Belanger@dfo-mpo.gc.ca



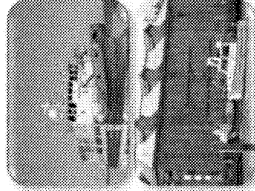
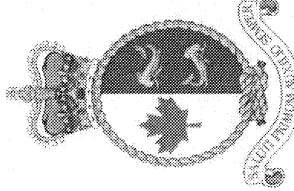
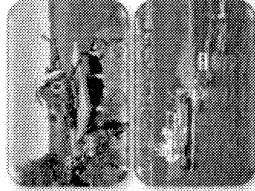
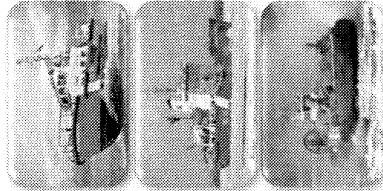
OPERATIONS BRIEFING



SÉANCE D'INFORMATION DES OPÉRATIONS



22 November 2018



22 novembre 2018

TODAY'S SCHEDULE /
HORAIRE D'AUJOURD'HUI

#	MEETING / RÉUNION	ATTENDANCE / PERS. REQUIS
1.	MORNING OPS. / SEANCE D'INFO	ALL / TOUS
2.	ROUNDTABLE / TOUR DE TABLE	THOSE REQUIRED / CEUX REQUIS

NATIONAL SECURITY LEVELS /
NIVEAUX DE SÉCURITÉ NATIONALE

SECURITY SECTION DIVISION DE SÛRETÉ	RESPONSIBLE AGENCY AGENCE RESPONSABLE	LEVEL / NIVEAU
MARINE SECURITY (MARSEC) SÛRETÉ MARITIME (MARSEC)	TRANSPORT CANADA TRANSPORTS CANADA	
FEDERAL FACILITIES SECURITY SÛRETÉ D'ÉDIFICES FÉDÉRAUX	PRIMA-SURVEY SECURITY / CANADA SÛRETÉ / VIGILANCE	
NATIONAL TERRORISM THREAT MENACE TERRORISTE NATIONALE	INTEGRITY MANAGEMENT ASSURANCE CENTRE / CENTRE D'ASSURANCE D'INTEGRITÉ DU TERRORISME	Medium

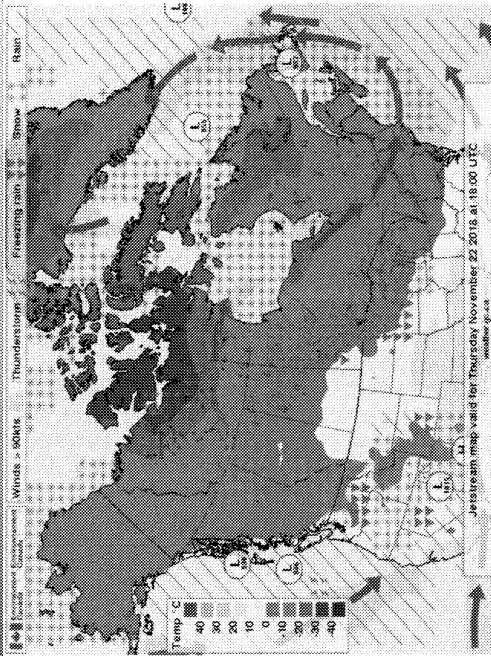
CANADIAN COAST GUARD (CCG) ASSET DISPOSITION
DISPOSITION DES ÉLÉMENTS DE LA GARDE CÔTIÈRE CANADIENNE

10	Vessels Under Construction/Navires En Construction	43	Central and Arctic	Atlantic	44
3	Awaiting Disposal / Navires Pour Disposition	26	Operational	Operational	30
119	Vessels / Navires	4	Un-Planned Non-Operational	Un-Planned Non-Operational	8
22	Helicopters / Hélicoptères	13	Planned Non-Operational	Planned Non-Operational	11

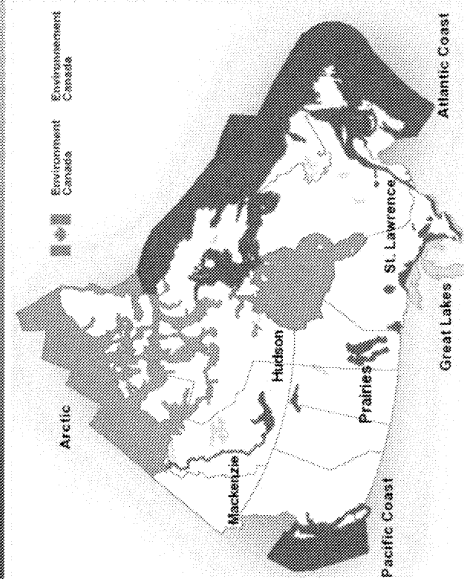
Western	32	20	0	12
Operational				
Un-Planned Non-Operational				
Planned Non-Operational				

REDUCED / RÉDUITE	RESTRICTED / RESTREINTE	NORMAL / NORMALE	HEIGHTENED / RENFORCÉE	CRITICAL / CRITIQUE

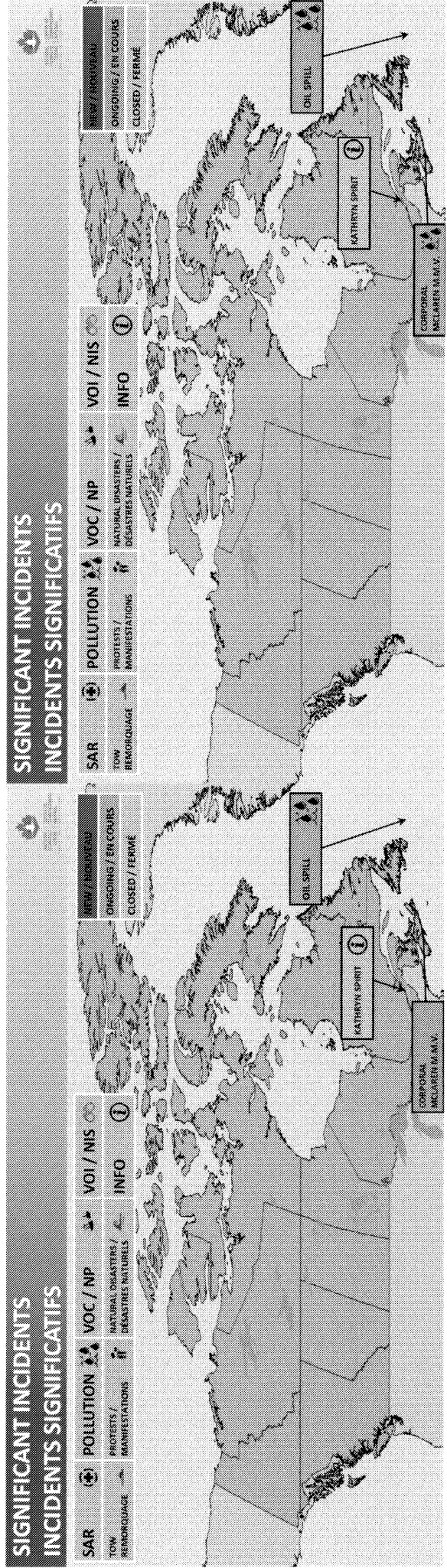
WEATHER MÉTÉO



- Legend**
- H High Pressure
hPa-hectopascal
 - L Low Pressure
hPa-hectopascal
 - Jet Stream

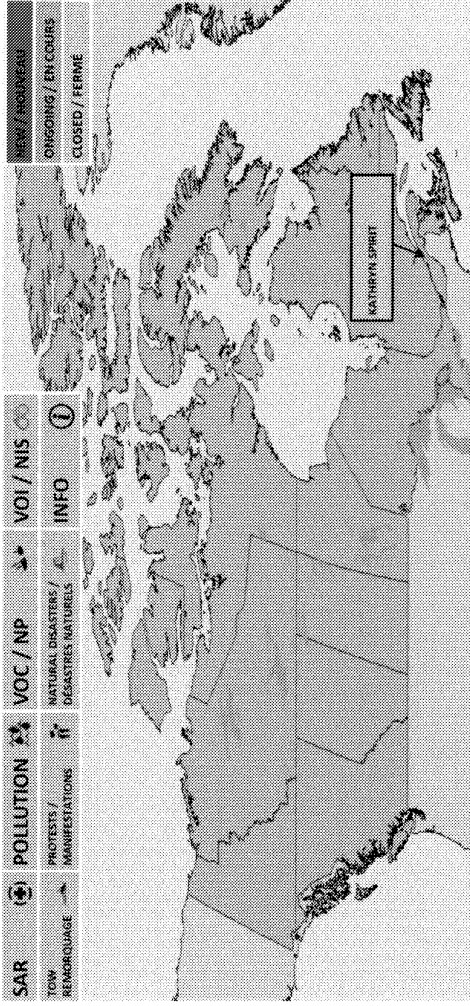


- Warning**
- Warning
 - Watch
 - Advisory
 - No warning or watch
 - Tropical Cyclone Statement

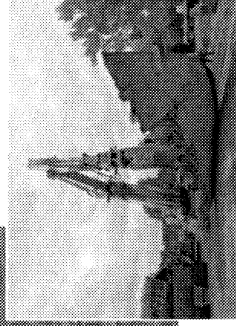


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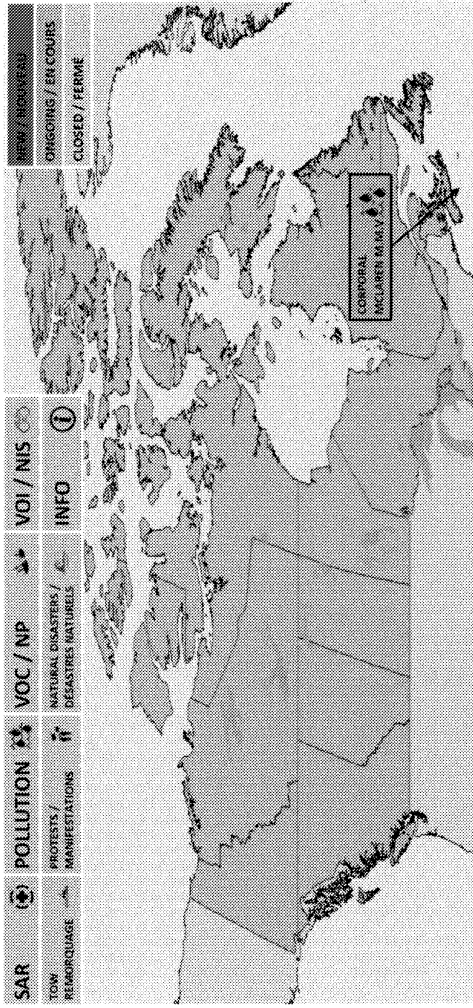
SAR	TOU REMORQUAGE	POLLUTION	VOC / NP	VOI / NIS
		PROTESTS / MANIFESTATIONS	NATURAL DISASTERS / DÉSASTRES NATURELS	INFO ⓘ



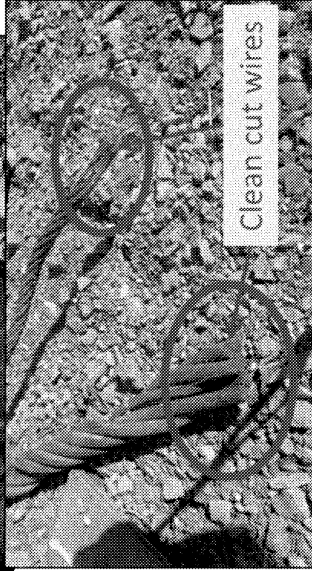
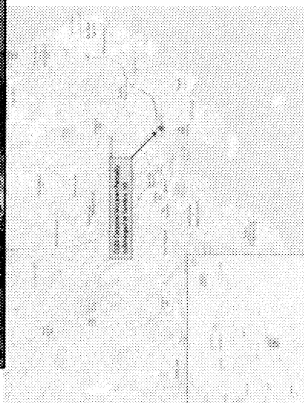
SIGNIFICANT INCIDENTS DETAILS / Kathryn Spirit DÉTAILS D'INCIDENTS SIGNIFICATIFS / Kathryn Spirit



SIGNIFICANT INCIDENTS
INCIDENTS SIGNIFICATIFS

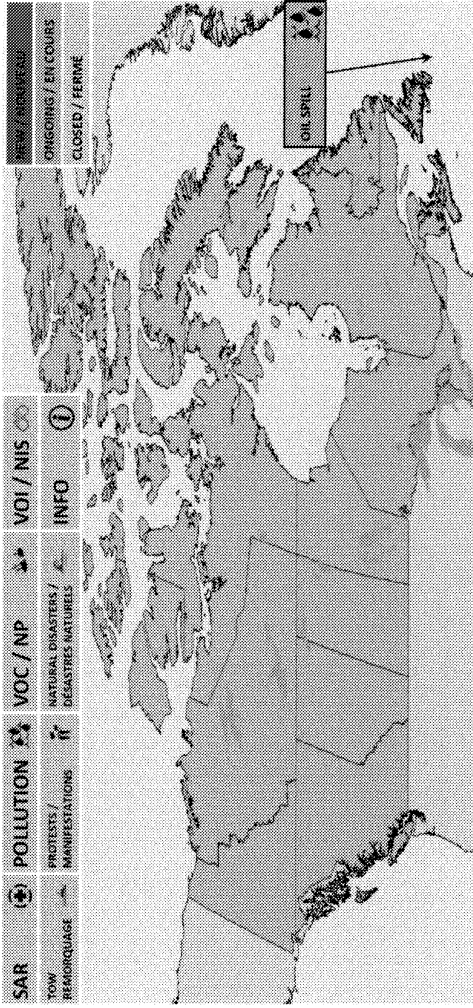


SIGNIFICANT INCIDENTS DETAILS / CCGS Corporal McLaren M/M.V.
DÉTAILS D'INCIDENTS SIGNIFICATIFS / NGCC Corporal McLaren M/M.V.

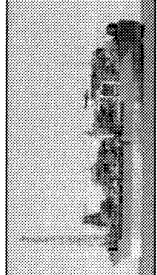
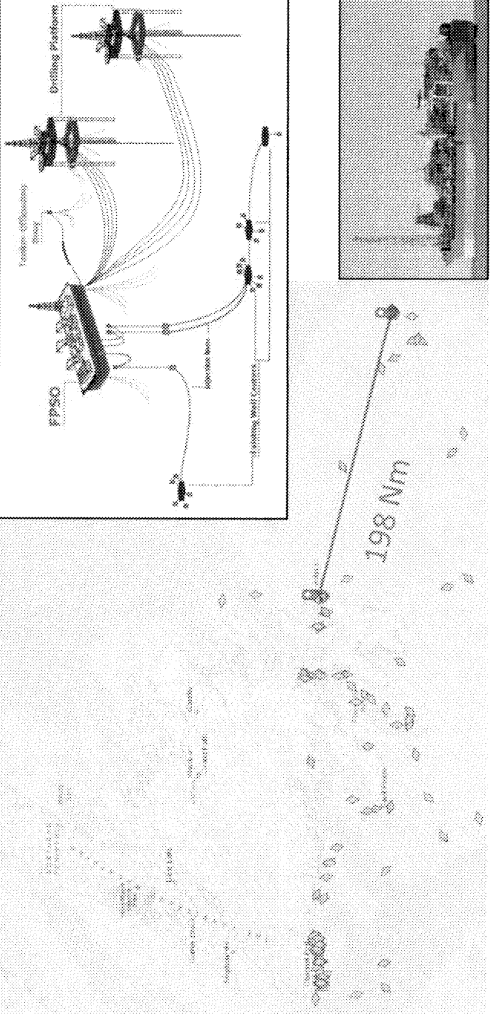


Clean cut wires

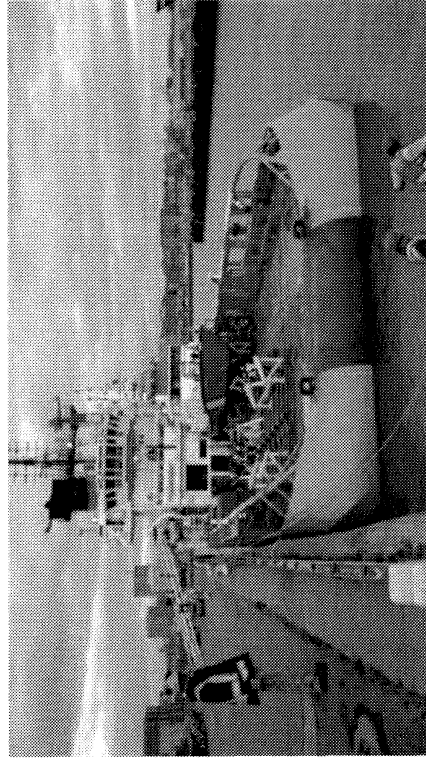
SIGNIFICANT INCIDENTS INCIDENTS SIGNIFICATIFS



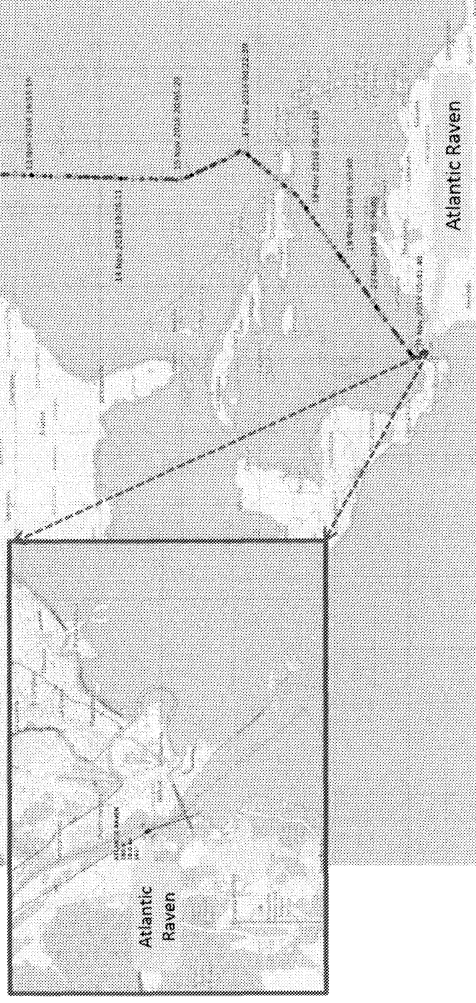
SIGNIFICANT INCIDENTS DETAILS / Crude Oil spill DÉTAILS D'INCIDENTS SIGNIFICATIFS / Déversement de pétrole brut









Atlantic Raven





Atlantic Raven



NON-OPERATIONAL CCG VESSELS – ATLANTIC REGION NAVIRES NON-OPÉRATIONNELS DE LA GCC – RÉGION DE L'ATLANTIQUE											
ID#	Vessel / Navire	Details / Détails			Image	ID#	Vessel / Navire	Details / Détails			Image
		DOS / DHS:	RTS / RES:	Location:				DOS / DHS:	RTS / RES:	Location:	
1	HARP (SAR)	Unplanned maintenance for port clutch issues. No firm timeline since still assessing whether gearbox can be repaired on site or will need to be sent away. Impact: Alternate coverage required for SAR on east coast of Newfoundland.	August 31	Unknown		4	Georges R. Pearkes	Refit delay	DOS / DHS: November 21 RTS / RES: November 22 Location: St. John's NL		
2	SPRAY (SAR)	Refit delay. Extensive corrosion on hull. Impact: Minimal. Vessel is a spare.	August 31	Unknown		5	Cygnus	Refit delay	DOS / DHS: November 21 RTS / RES: November 22 Location: St. John's NL		
3	CAP BRETON (SAR)	Severe ice conditions in harbour. Vessel is currently out of the water, but will be put back in if conditions allow. Station scheduled to close for season Dec 21. Impact: Reduced SAR coverage Gulf of St. Lawrence.	Nov 19	Unknown		6	Corporal Teather	Suspected coolant leak. Techs onboard today to assess the situation.	DOS / DHS: November 21 RTS / RES: Unknown Location:		





NON-OPERATIONAL CCG VESSELS – ATLANTIC REGION
NAVIRES NON-OPÉRATIONNELS DE LA GCC – RÉGION DE L'ATLANTIQUE



ID#	Vessel / Navire	Details / Détails			Image	ID#	Vessel / Navire	Details / Détails			Image
7	Vladikov	Fuel leak on starboard main engine. Tech will be onboard today to assess situation	DOS / DHS:	November 22				DOS / DHS:			
			RTS / RES:	TBD				RTS / RES:			
			Location:	Marystown, NL				Location:			
8	S. Dudka	Accidental discharge of their CO2 canister. RTS today after they recharge the canister.	DOS / DHS:	November 22				DOS / DHS:			
			RTS / RES:	TBD				RTS / RES:			
			Location:					Location:			
			DOS / DHS:					DOS / DHS:			
			RTS / RES:					RTS / RES:			
			Location:					Location:			

NON-OPERATIONAL CCG VESSELS – CENTRAL & ARCTIC REGION
NAVIRES NON-OPÉRATIONNELS DE LA GCC – RÉGION DU CENTRE ET DE L'ARCTIQUE



ID#	Vessel / Navire	Details / Détails			Image	ID#	Vessel / Navire	Details / Détails			Image
1	SIPU MUJIN (AtoN)	Damaged starboard propeller, caused by impact with generator hatch. Propeller: new drive shaft received and installed. Generator hatch several weeks from being completed. Impact: None. CCGS Mamiassa can be used for AtoN program.	DOS / DHS:	October 3		4	GRIFFON (AtoN)	Refit delay until Nov 16. Sea trials scheduled for Nov 21 after TC inspection completion Nov 20. Impact: Delay to Aids to Navigation decommissioning program.	DOS / DHS:	October 17	
			RTS / RES:	November 22					RTS / RES:	November 23	
			Location:	Trois-Rivières, QC					Location:	Les Méchins, QC	
2	CONSTABLE CARRIERE	Mobilization/demobilization. Crewing issues still ongoing. Will likely remain non-operational until close of season. Impact: None – no scheduled MSET program.	DOS / DHS:	October 18					DOS / DHS:		
			RTS / RES:	N/A					RTS / RES:		
			Location:	Burlington, ON					Location:		
3	MARTHA L. BLACK (AtoN)	Delay in drydock. Impact: Delay to Aids to Navigation decommissioning program for commercial buoys.	DOS / DHS:	October 17					DOS / DHS:		
			RTS / RES:	November 30					RTS / RES:		
			Location:	Hamilton, ON					Location:		

CCG HELICOPTER DISPOSITION										UNPLANNED NON-OPERATIONAL CCG HELICOPTERS									
RÉPARTITION DES HÉLIOPHÈRES DE LA GCC										HÉLIOPHÈRES NON-OPÉRATIONNELS NON-PLANIFIÉS DE LA GCC									
Western					Central and Arctic					Atlantic					BASE				
ID	Type	Location	Status	ID	Type	Location	Status	ID	Type	Location	Status	ID	Type	Location	DOS/DHS:	RTS/RES:	ID	Type	Location
CG 435	Bell 429	Shoal Point, BC	●	CG 434	Bell 429	Parry Sound, ON	●	CG 432	Bell 429	CCGS Henry Larsen	●								
CG 440	Bell 429	Shoal Point, BC	●	CG 439	Bell 429	Québec, QC	●	CG 433	Bell 429	Stephenville, NL	●								
CG 443	Bell 429	Port Hardy, BC	●	CG 441	Bell 429	Québec, QC	●	CG 436	Bell 429	Shearwater, NS	●								
CG 943	Bell 412	Seal Cove Base, BC	▲	CG 444	Bell 429	Québec, QC	●	CG 437	Bell 429	Shearwater, NS	●								
CG 946	Bell 412	Port Hardy, BC	●	CG 445	Bell 429	Ottawa, ON	●	CG 438	Bell 429	CCGS Louis S. St-Laurent	●								
CG 948	Bell 412	Seal Cove Base, BC	●	CG 942	Bell 412	Parry Sound, ON	▲	CG 442	Bell 429	St. John's, NL	●								
				CG 945	Bell 412	Québec, QC	▲	CG 446	Bell 429	Ottawa, ON	▲								
								CG 944	Bell 412	Ottawa, ON	▲								
								CG 947	Bell 412	St. John's, NL	●								
Operational			●	Planned Non Operational			▲	Unplanned Non Operational			◆								

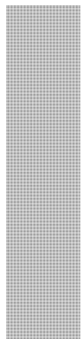
CCG SENIOR MANAGEMENT DISPOSITION / DISPOSITION DE LA HAUTE GESTION DE LA GCC				CCG	
Senior/Dirigeant	Commissioner / Commissaire	Function	Location	Logo	
J. Hutchinson	Commissioner / Commissaire		OTTAWA		
M. Pelletier	Deputy Commissioner - Operations / Sous-commissaire - Opérations			Wade Spurrell	
A. Smith	Deputy Commissioner - Strategic & Shipbuilding / Sous-commissaire - Stratégie et construction navale		OTTAWA		
J. Gascon	Director General - Operations / Directeur général - Opérations			Michèle LeBlanc	
S. Ryan	Director General - Integrated Technical Services / Directeur général - Services techniques intégrés		OTTAWA		
M. Sanderson	Acting Director General - National Strategies / Directeur général par intérim - Stratégies nationales		OTTAWA		
M-C. Haubert	Director General - Integrated Business Management Services / Directrice générale - Services de gestion intégrée des affaires		OTTAWA		
R. Wight	Director General - Major Projects / Directeur général - Projets majeurs		OTTAWA		
G. Ivany	Acting Assistant Commissioner - Central & Arctic Region / Commissaire adjoint par intérim - Région du Centre et de l'Arctique		MONTREAL		
B. LeBlanc	Acting Assistant Commissioner - Atlantic Region / Commissaire adjoint par intérim - Région de l'Atlantique		ST. JOHN'S		
R. Girouard	Assistant Commissioner - Western Region / Commissaire adjoint - Région de l'Ouest			Miriam Van Roosmalen	
P. Jean	Acting Executive Director - Canadian Coast Guard College / Directeur exécutif par intérim - Collège de la Garde côtière canadienne		SYDNEY		

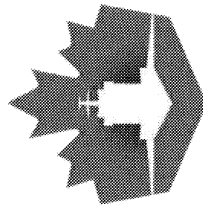
NATIONAL COMMAND CENTRE INFORMATION BULLETIN /
BULLETIN D'INFORMATION DU CENTRE DE COMMANDEMENT NATIONAL

NCC DUTY OFFICER / AGENT DU NCC EN SERVICE

Nathalie Choquette

CONTACT NUMBERS / NUMÉROS DE CONTACT





NATIONAL
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COMMANDEMENT
NATIONAL

CANADIAN COAST GUARD

GARDE CÔTIÈRE CANADIENNE



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GARDE CÔTIÈRE CANADIENNE

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NATIONAL SECURITY LEVELS

National MARSEC level¹

Federal facilities readiness level²

National terrorism threat level³

3 of 5 (medium)

ASSET DISPOSITION

	Vessels	119
	Helicopters	22
Atlantic Region:	Fleet Readiness	Normal
	Non Operational Unplanned	4
	Non Operational Planned	11
Central and Arctic:	Fleet Readiness	Reduced*
	Non Operational Unplanned	6
	Non Operational Planned	12
Western Region:	Fleet Readiness	Normal
	Non Operational Unplanned	0
	Non Operational Planned	12

We have updated the number of vessels under construction (VUC) to include the 4 most recent Bay Class Vessels. The **10** VUC are now: Baie de Plaisance, Pachena Bay, McIntyre Bay, OFSV 1, OFSV 2, OFSV 3, HMP Bay Class 3, HMP Bay Class 4, CNF Bay Class 3, and CNF Bay Class 4.

* On October 19, Central and Arctic Region changed their Fleet Readiness profile to Reduced. Repairs and crewing issues continue to limit the Aids to Navigation program. No large buoytenders are currently in operation, which diminishes capacity for AtoN work and ITS maintenance.

¹ Set by the Minister of Transport

² Set by the Privy Council Office

³ Set by the Integrated Terrorism Assessment Centre.

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WEATHER

EAST COAST (LABRADOR): HURRICANE FORCE WINDS & FREEZING SPRAY WARNINGS

Wind northwest 55 to 65 knots except west 40 over southern sections. Wind becoming southwest 50 to 60 near noon then diminishing to southwest 25 to 35 late this afternoon.

Seas 6-8 m building to 9-12 this morning then subsiding to 6-8 late overnight.

STORM WARNING: Gulf of St. Lawrence 25-30 kts increasing to 35 kts, 3-5 m seas building to 4-6 m near noon Friday.

CENTRAL & ARCTIC (EASTERN ARCTIC): HURRICANE FORCE WINDS & FREEZING SPRAY WARNINGS

Wind northwest 55 knots increasing to northwest 65 this morning except south 65 over eastern sections today. Wind diminishing to west 55 this evening and to southwest 25 to 35 after midnight.

Seas 6-8 m building to 9-12 this morning then subsiding to 6-8 late overnight.

Strong wind warning: Great Lakes – Canadian side 15-20 kts winds, waves 0.5-1 m.

WEST COAST: STORM WARNING – West Coast Vancouver Island NORTH & SOUTH, Queen Charlotte Sound

Wind southeast 25-35 knots increasing to southeast 35-45 early this morning except southeast 40-50 northwest of Estevan Point.

Seas 3-5 m subsiding to 3 overnight.

SIGNIFICANT INCIDENTS

CLOSED– 1

KATHRYN SPIRIT: We received a final report yesterday indicating the the embankment for the Kathryn Spirit had been removed. Plan to return the site to its normal state are in place for this spring.

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ONGOING – 3

ER – CCGS CORPORAL MCLAREN PARTIALLY SUBMERGED – SAMBRO, NS

Recap: November 17, the CCGS Corporal McLaren was reported partially submerged in the water after slipping off the cradle during refit in Sambro, NS. Halifax Regional Police and RCMP are investigating the incident. The Incident Command Post (ICP) was stood up November 19. Salvage and tow plans are expected to be in place by the evening of November 22. Pumping of surface oil from the inside of the vessel is complete; vacuum truck departed 20 November with approximately 20,000L of oily water. The vessel is 90% sealed and the flow of water in and out of the vessel is no controlled.

Update: Refloating is scheduled for today. As Lead Agency, Environment and Climate Change Canada's National Environmental Emergencies Centre (NEEC) has deployed a Scientific Support Coordinator to attend the refloating of the vessel. NEEC has provided updated Resources at Risk mapping for the incident. PSPC has been in contact with CME's insurance company and a file number has been issued. Meteorological Services Canada will be providing Site Specific Weather Forecasts.

ER – SEAROSE FPSO CRUDE OIL SPILL – OFFSHORE NL

Recap: November 16, the SEAROSE FPSO (Floating Production, Storage, and Offloading) reported losing approximately 250m³ of crude oil. CCG ER contacted C-NLOPB (Canada-Newfoundland and Labrador Offshore Petroleum Board), the Lead Agency, who is working with the owner/operator, Husky Energy. Husky Energy has their Regional Response Management Team (RRMT) activated at their Response Centre in St. John's. ECCC reports that a ROV survey was conducted November 19 and that the data is being reviewed by C-NLOPB.

Update: Husky Energy's Regional Response Management Team (RRMT) remains activated at their Response Centre in St. John's. Memorandum Of Understanding (MOU) between CCG and CNLOPB was officially activated on November 19, 2018. The ROV survey on Monday November 19, 2018 identified the source of the release as a disconnected weak link. Plans are being developed to recover the connection for further investigation, and to respond to any residual product which may remain in the pipe if it were to be released. Four vessels continue to be in the field with trained wildlife observers on board conducting wildlife observations. So far, several birds have been transferred to the rehabilitations centre, where they are receiving treatment to remove the oil from their feathers. Further analyses of 9 different satellite images from 3 different sources have not been able to identify any oil anomalies.

ER – VESSEL SINKING AT WHARF , NL

Recap: November 6, 50ft pleasure craft Beverly Gae sank at the wharf in Cornerbrook, NL. CCG ER removed recoverable pollutants. CCG ER working to develop a plan to tow vessel to deconstruction site to eliminate threat pollution [REDACTED]

Update:

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NON-OPERATIONAL VESSELS

ATLANTIC REGION

UNPLANNED

1. **Harp (SAR)** – St. John's, NL. RTS unknown, no firm timeline since still assessing whether gearbox can be repaired on site or will need to be sent away. Unplanned maintenance for port clutch issues. Impact: Alternate coverage required for SAR on east coast of Newfoundland. *(November 10 update: still unknown, ROC Atl will advise when they find out.)*
2. **Spray (SAR)** – Dartmouth, NS. RTS unknown. Refit delay. Impact minimal: spare VSL.
3. **Cap Breton (SAR)** – Shippagan, NB – Vessel removed from the water due to ice conditions in the harbour. Will be put back in if conditions allow. Station scheduled to close December 21. Impact: Reduced SAR coverage in the Gulf of St. Lawrence.
4. **George R. Pearkes** – St. John's, NL. Refit. RTS December 1.
5. **Cygnus** – St. John's, NL – Refit. Drydock. RTS December 1.
6. **Vladykov** – Marystown, NL. RTS November 21.
7. **S. Dudka** - RTS Today - Once CO2 canister is recharge
8. **Corporal Teather C.V. (SAR)** –Received an A to K yesterday indicating that there was a coolant leak in the starboard main engine. In the past, similar work has taken 3 days to complete. Impact: None. Sir Wilfred Grenfell covering SAR 033 East Coast
 - a. *temporarily transferred to the Atlantic region to help them cover SAR while one of their buoy tenders helps C&A with their AtoN program.*
- 9.

PLANNED

1. **Terry Fox** – St. John's, NL. Refit. RTS January 10 2019.
2. **Capt. Molly Kool** – Davie Shipyard, QC – Refit.
3. **Henry Larsen** – St. John's, NL. Post Arctic demobilization.
4. **Ann Harvey** – Les Méchins, QC. Vessel life extension. RTS February 2019.
5. **Earl Grey** – Dartmouth, NS. Alongside refit. RTS January 7 2019.
6. **Corporal McLaren M.M.V.** – Sambro, NS. Refit delay. RTS unknown at this time due to ongoing investigation of damage to the vessel. Original end of refit date December 19.
7. **M. Perley** – Dartmouth, NS – Demobilization.
8. **Clark's Harbour (SAR)** – West Head, NS. RTS November 26. Impact: NONE – Courtenay Bay is on station at the Clark's Harbour Station (West Head) to provide the SAR coverage for SAR 007 Southwestern Shore, NS.
9. **Goeland** - Sydney, NS – Spare

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CENTRAL & ARCTIC REGION

UNPLANNED

1. **Constable Carriere** – Burlington, ON. RTS N/A. Mobilization/demobilization. Impact: None – no scheduled MSET program. Non-operational due to crew shortage.
2. **Griffon (AtoN)** – Les Méchins, QC – Refit delay. Sea trials rescheduled to November 21. RTS November 24. TC inspection completed November 20. Impact: Delay to Aids to Navigation decommissioning program.
3. **Martha L. Black (AtoN)** – Hamilton, ON. RTS updated to November 30. Drydock delay. Impact: Delay to Aids to Navigation decommissioning program for commercial buoys.
4. **Sipu Muin (AtoN)** – Trois-Rivières, QC. Shaft crack. Program will continue with Mamilossa. RTS unknown. RTS November 22.

PLANNED

1. A. LeBlanc – North Sydney, NS. Drydock until December 5.
2. Amundsen – Québec, QC. Refit. RTS December 4.
3. Cap Aupaluk – Mont-Joli, QC. Spare
4. Cape Mercy – Burlington, ON. Spare
5. Des Groseilliers – Pointe au Pic, QC. Vessel life extension. RTS December 14.
6. Helen Irene Battle – Mont-Joli, QC
7. Jean Bourdon – Mont-Joli, QC. Lay-up
8. Kelso – Burlington, ON. Mobilization/Demobilization.
9. G.C. 03 – Ile aux Coudres, QC. Dry-docking.
10. Pierre Radisson – Québec, QC. Maintenance. RTS December 19.
11. Thunder Cape – Amherstburg, ON. Lay-up
12. Traverse – Kenora, ON. Mobilization/Demobilization.

Note: CCGS Baie de Plaisance is being readied for operation in Cap-aux-Meules, QC. Transition into service expected in the Spring of 2019 after warranty work at CNF over the winter.

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WESTERN REGION

UNPLANNED

PLANNED

1. Sir Wilfrid Laurier – Victoria, BC – Demobilizing for drydock.
2. Tanu – North Vancouver, BC – Drydock until December 19.
3. M. Charles M.B. – Victoria, BC. Drydock.
4. Otter Bay – Patricia Bay, BC – Lay-up for the winter.
5. Dumit – Hay River, NT – Drydock for winter.
6. Eckaloo – Inuvik, NT – Lay-up for the winter.
7. Moorhen – Patricia Bay, BC – Spare.
8. Vakta – Gimli, MB – Demobilization for winter season. Drydock.
9. Moytel – Sea Island, BC – Refit until December 18.
10. Cape Naden – Patricia Bay, BC – Refit until December 18.
11. Cape Cockburn – Patricia Bay, BC – Refit until December 3.
12. Atlin Post – Patricia Bay, BC – Lay-up

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HELICOPTERS

UNPLANNED NON-OPERATIONAL

PLANNED NON-OPERATIONAL

1. CG 436 (Bell 429) – Shearwater, NS – RTS November 28. Planned maintenance
2. CG 446 (Bell 429) – Ottawa, ON – RTS November 22. Planned maintenance.
3. CG 944 (Bell 412) – Ottawa, ON – RTS December 21. Planned maintenance.
4. CG 942 (Bell 412) – Parry Sound, ON RTS December 4. Planned maintenance
5. CG 441 (Bell 429) – Québec, QC – RTS November 23.
6. CG 445 (Bell 429) – Ottawa, planned maintenance. RTS December 21.
7. CG 945 (Bell 412) – Québec, QC – Maintenance. RTS November 26
8. CG 943 (Bell 412) – Seal Cove Base, BC – Scheduled maintenance; 5 year inspection.

OPERATIONAL

9. CG 432 (Bell 429) – CCGS Henry Larsen
10. CG 433 (Bell 429) – Stephenville, NL
11. CG 437 (Bell 429) – Shearwater, NS
12. CG 438 (Bell 429) – CCGS Louis S. St-Laurent
13. CG 442 (Bell 429) – St. John's, NL
14. CG 947 (Bell 412) – St. John's, NL
15. CG 434 (Bell 429) – Parry Sound, ON
16. CG 439 (Bell 429) – Québec, QC
17. CG 444 (Bell 429) – Québec, QC
18. CG 435 (Bell 429) – Shoal Point, BC
19. CG 440 (Bell 429) – Shoal Point, BC
20. CG 443 (Bell 429) – Port Hardy, BC
21. CG 946 (Bell 412) – Port Hardy, BC
22. CG 948 (Bell 412) – Seal Cove Base, BC

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OPERATIONAL VESSELS

ATLANTIC REGION

15 SAR

1. Sir Wilfred Grenfell – St. John's, NL
2. Cape Roger – Dartmouth, NS
3. Bickerton – Port Bickerton, NS
4. Cap Nord – Charlottetown, PEI
5. Cape Edensaw – Saint John, NB
6. Cape Fox – Lark Harbour, NL
7. Cape Norman – Port au Choix, NL
8. Cape Spry – Souris, PE
9. Courtenay Bay – West Head, NS
10. Pennant Bay – St. Anthony, NL
11. Sambro – Sambro, NS
12. Spindrift – Louisburg, NS
13. W. G. George – Burgeo, NL
14. W. Jackman – Burin, NL
15. Westport – Westport, NS

5 CONSERVATION & PROTECTION

16. G. Peddle S.C.
17. Cape Light
18. Geliget
19. Pointe Caveau

1 NAFO

20. Leonard J. Cowley

2 AIDS TO NAVIGATION

21. Edward Cornwallis – Sydney, NS
22. Sir William Alexander – Gaspé, QC.
 - a. *Completing C&A buoy program started by the Edward Cornwallis.*

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6 SCIENCE

- 23. Hudson – E of Flemish Cap
- 24. Teleost – St. Anthony, NL. Wx delay.
- 25. Alfred Needler – NE of Cape St. John, NL (Science/SAR 032)
- 26. Sigma T – Dartmouth, NS
- 27. Viola M. Davidson – St. Andrews, NB

1 ARCTIC

- 28. Louis S. St-Laurent – St. John's, NL – Control transferred back to ROC Atlantic

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CENTRAL & ARCTIC REGION

15 SAR

1. Cap aux Meules – Cap-aux-Meules, QC
2. Cap de Rabast – Tadoussac, QC
3. Cap Percé – Kégaska, QC – FRC 753 unavailable due to ice conditions
4. Cap Rozier – Havre-Saint-Pierre, QC - FRC 753 unavailable due to ice conditions
5. Cap D'Espoir – Rivière-au-Renard, QC
6. Cap Tourmente – Québec, QC
7. Cape Chaillon – Thunder Bay, ON
8. Cape Commodore – Tobermory, ON
9. Cape Discovery – Goderich, ON
10. Cape Dundas – Amherstburg, ON
11. Cape Hearne – Kingston, ON
12. Cape Lambton – Port Dover, ON
13. Cape Providence – Meaford, ON.
14. Cape Rescue – Cobourg, ON
15. Cape Storm – Port Weller, ON

6 AIDS TO NAVIGATION

16. Samuel Risley – Parry Sound, ON. Limited operations due to no 3rd engineer onboard.
Daylight sailing only. Crew Change November 28.
17. Caribou Isle – Parry Sound, ON
18. Cove Isle – Burlington, ON
19. Île Saint-Ours – Amherstburg, ON
20. Mamilossa – Trois-Rivières, QC. – Repairs completed yesterday; now operational.

4 SCIENCE

21. Frederick G. Creed – Rimouski, QC – Mobilization/demobilization
22. F.C.G Smith – Trois-Rivières, QC
23. Leim – Québec, QC – Maintenance
24. Limnos – Burlington, ON (AtoN/Science)

1 MSET

25. Caporal Kaebler V.C.

1 OTHER

26. Private Robertson V.C. – Québec, QC. Transit to St. John's, NL.

WESTERN REGION

16 SAR

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1. John P. Tully – Masset Inlet. Departing 1800 for Prince Rupert. PRIMARY NORTHERN SAR.
2. Gordon Reid – Fitz Hugh Sound, BC – PRIMARY SOUTHERN SAR
3. Bartlett – Queen Charlotte Strait, BC – Maintenance
4. Cape McKay – Bamfield, BC
5. Cape Farewell – Bella Bella, BC
6. Cape Palmerston – Campbell River, BC
7. Cape Kuper – French Creek, BC
8. Cape St. James – Ganges, BC
9. CG 158 – Kitsilano, BC
10. Cape Sutil – Port Hardy, BC
11. Cape Caution – Powell River, BC
12. Cape Dauphin – Prince Rupert, BC
13. Cape Mudge – Sandspit, BC
14. Siyay – Sea Island, BC
15. Cape Ann – Tofino, BC
16. Cape Calvert – Victoria, BC

1 C&P

17. Captain Goddard M.S.M.

3 SCIENCE

18. Vector – Patricia Bay, BC
19. Neocaligus – Discovery Passage, BC

0 AIDS TO NAVIGATION

1 TOWING

20. Atlantic Eagle – Victoria, BC

Mills, Becky

From: Miller, Anne
Sent: November-22-18 11:45 AM
To: Whiffen, Sam
Cc: Yard, David C
Subject: RE: Offshore spill

Thanks. Looks good.

Anne Miller

Regional Director, Incident Management, Atlantic Region | Directrice Régionale, Gestion des incidents, Région de l'Atlantique
Canadian Coast Guard | Garde côtière canadienne

CCG Atlantic Region, Dartmouth Office | GCC, Région de l'Atlantique, Bureau de Dartmouth
50 Discovery Drive | 50 chemin Discovery
PO Box 1000 | CP 1000
Dartmouth N.S. | N.-É. B2Y 3Z8

Téléphone | Telephone : 902-426-9022
Cell | Cellulaire : [REDACTED]
Email | Courriel : Anne.Miller@dfo-mpo.gc.ca

From: Whiffen, Sam
Sent: November-22-18 12:10 PM
To: Miller, Anne
Cc: Yard, David C
Subject: Offshore spill

Anne,
Here are the lines we used this week. Inquiries are being directed to CNLOPB and NRCan
Sam

- * The Canada-Newfoundland and Labrador Offshore Petroleum Board is in contact with the Canadian Coast Guard, Natural Resources Canada and Environment and Climate Change Canada as Husky conducts an assessment and implements its response plan.
- * The Canadian Coast Guard is not leading the response to this incident, but we are providing support to the Canada-Newfoundland and Labrador Offshore Petroleum Board as requested.
- * The Canadian Coast Guard has participated in surveillance flights chartered by the Canada-Newfoundland and Labrador Offshore Petroleum Board along with Eastern Canada Response Corporation representatives to provide advice for the surveillance assessment.
- * The Coast Guard has environmental response personnel and equipment that was recently upgraded under the Oceans Protection Plan standing by to help, if requested.

Fennelly, Stephanie

From: Yard, David C
Sent: Thursday, November 22, 2018 10:26 AM
To: Crann, Larry
Subject: Re: Offshore Spill Update

Thanks

Is there a response plan coming for review.

Sent from my BlackBerry 10 smartphone on the Bell network.

From: Crann, Larry
Sent: Thursday, November 22, 2018 10:23
To: Yard, David C
Subject: FW: Offshore Spill Update

Are we providing anyone for today's flight?

No request for assistance on today's flight. FYI...yesterday's flight was for wildlife observations. CWS Pierre was on flight but weather too bad to observe. Today's flight also wildlife flight.

How many flights was Bruce on 6?

Bruce was on five flights. 1 Sat., 2 Sunday, 1 Monday, and 1 Tuesday afternoon

Is the husky ICP shut down now and on call according to sitrep if I read it right?

Yes it is shut down but all that were present are still available and on call to reconvene if necessary.

How many oiled birds recovered to date?

Two captured oiled marine birds (Thick-billed Murres) arrived at the rehabilitation center in St. John's NL. Yesterday morning two ECCC-CWS staff and two ECCC-WED Wildlife Enforcement Officers visited the rehabilitation center to view the birds and obtain feather samples for oil analysis.

Three more oiled birds are enroute to the rehabilitation center, two are alive and one is dead. The dead bird will be handed over to ECCC-WED.

TOTAL birds captured 5

What does a Tier 1 spill kit consist of?

Absorbent Kits, PPE, bird rehabilitation and bird hazing kits.

When are they expecting up to review response plan or is the gone away now?

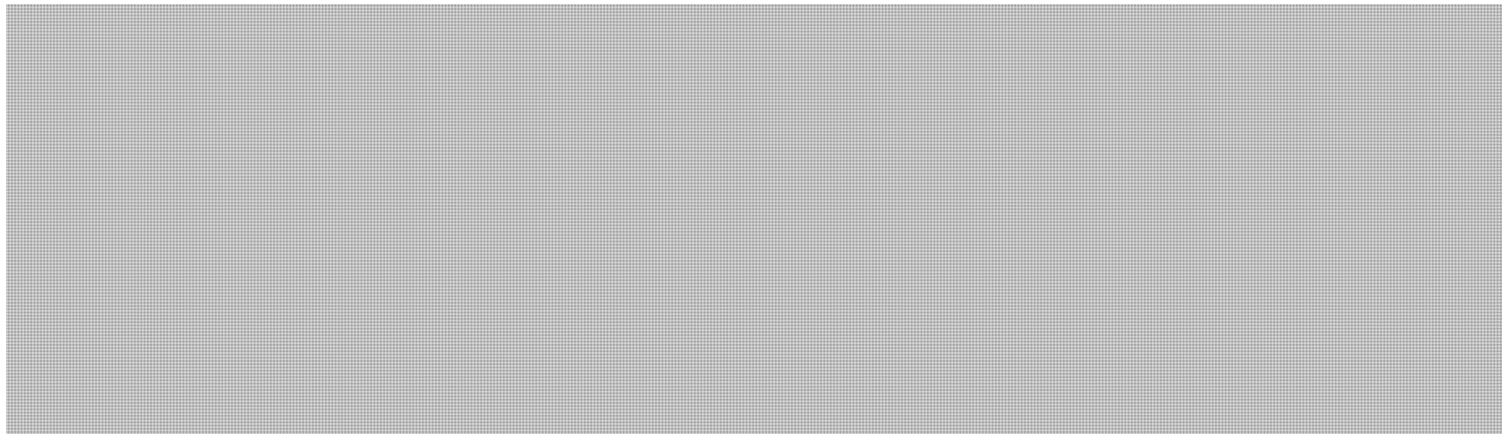
They have been in contact with me daily discussing next steps by Husky. Ongoing.

Thanks sorry for questions but I know they are going to be asked.

Sent from my BlackBerry 10 smartphone on the Bell network.

From: Crann, Larry
Sent: Thursday, November 22, 2018 09:51
To: Yard, David C
Subject: Offshore Spill Update

Husky's Update



CCG Updates:

- The Board (C-NLOPB) has activated their MOU with the CCG to provide Resource Agency support as required.
- At request of the Board, CCG has provided a Senior Response Officer to conduct observations on their surveillance flights.
- CCG resources has been requested by the Board to provide operational advice on Response Plans as they are developed.

Environmental Emergencies Science table meeting scheduled for today @ 15:30 local time CCG will participate in this meeting.

Fennelly, Stephanie

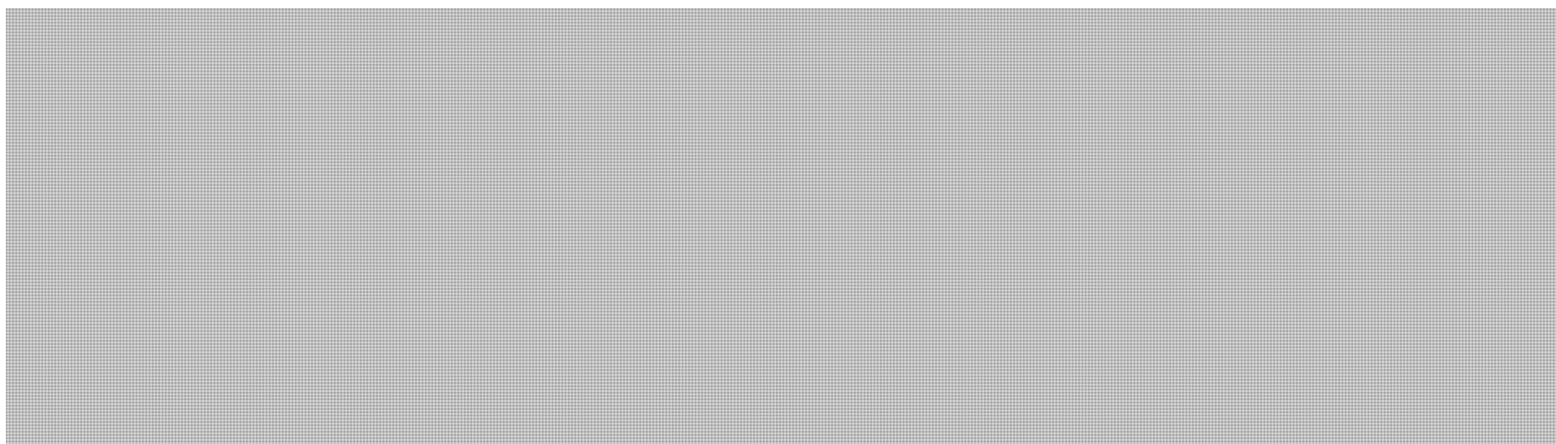
From: Yard, David C
Sent: Thursday, November 22, 2018 11:01 AM
To: Miller, Anne
Subject: Fw: Offshore Spill Update

Fyi

Sent from my BlackBerry 10 smartphone on the Bell network.

From: Crann, Larry <Larry.Crann@dfo-mpo.gc.ca>
Sent: Thursday, November 22, 2018 09:51
To: Yard, David C
Subject: Offshore Spill Update

Husky's Update



CCG Updates:

- The Board (C-NLOPB) has activated their MOU with the CCG to provide Resource Agency support as required.
- At request of the Board, CCG has provided a Senior Response Officer to conduct observations on their surveillance flights.
- CCG resources has been requested by the Board to provide operational advice on Response Plans as they are developed.

Environmental Emergencies Science table meeting scheduled for today @ 15:30 local time CCG will participate in this meeting.

LeBlanc, Brian (Acting AC, Atlantic Region)

From: Miller, Anne
Sent: November 22, 2018 6:07 PM
To: LeBlanc, Brian (Acting AC, Atlantic Region); Spurrell, Wade; Brooks, Robert
Cc: Yard, David C
Subject: Sea Rose Incident - Science Table Update

250 cubic meter reported spill.

- No oil remaining on surface and oil spill recovery phase is over.
- ECCC and CWS remain engaged with wildlife overflights and providing trajectories, mass balance and resources at risk. Science Table chaired by Graham Thomas of ECCC today and CCG personnel in attendance

85 Cubic Meter Potential Spill

- Risk: 85 m3 of oil remaining in flowline.
- Husky is in the process of preparing a detailed plan on the procedure for removing and replacing damaged pipe.
- Husky will seek to satisfy CNLOPB with the response plan for potential release.
- The response plan will include, ships (response and dive support), sweep systems, bird/mammal observers and surveillance.
- Estimated time to complete engineering solution and response plan is 2 to 3 weeks at present.

Anne Miller

Regional Director, Incident Management, Atlantic Region | Directrice Régionale, Gestion des incidents, Région de l'Atlantique
Canadian Coast Guard | Garde côtière canadienne

CCG Atlantic Region, Dartmouth Office | GCC, Région de l'Atlantique, Bureau de Dartmouth
50 Discovery Drive | 50 chemin Discovery
PO Box 1000 | CP 1000
Dartmouth N.S. | N.-É. B2Y 3Z8

Téléphone | Telephone : 902-426-9022
Cell | Cellulaire : [REDACTED]
Email | Courriel : Anne.Miller@dfo-mpo.gc.ca

s.16(2)

s.19(1)

Mills, Becky

From: Miller, Anne
Sent: November-22-18 2:19 PM
To: Brooks, Robert
Subject: RE: Searose/Husky

[REDACTED] Are you free now? Myself and david are here in my office...my cell is [REDACTED]
[REDACTED]

Anne Miller

Regional Director, Incident Management, Atlantic Region | Directrice Régionale, Gestion des incidents, Région de l'Atlantique
Canadian Coast Guard | Garde côtière canadienne

CCG Atlantic Region, Dartmouth Office | GCC, Région de l'Atlantique, Bureau de Dartmouth
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Dartmouth N.S. | N.-É. B2Y 3Z8

Telephone | Telephone : 902-426-9022
Cell | Cellulaire : [REDACTED]
Email | Courriel : Anne.Miller@dfo-mpo.gc.ca

From: Brooks, Robert
Sent: November-22-18 2:29 PM
To: Miller, Anne
Cc: Mills, Becky; Yard, David C; Dumoulin, Isabelle
Subject: Re: Searose/Husky

Hi

Sorry - yes available anytime - did you want us to set up a con call for 1:15?

Happy if you prefer to set it for timing that works for you.

Will bring a few HQ IM reps in as well

R

Sent from my iPhone

On Nov 22, 2018, at 12:16 PM, Miller, Anne <Anne.Miller@dfo-mpo.gc.ca> wrote:

Are you available for a call now? If not what time is good for you?

Anne Miller

Regional Director, Incident Management, Atlantic Region | Directrice Régionale, Gestion des incidents, Région de l'Atlantique
Canadian Coast Guard | Garde côtière canadienne

CCG Atlantic Region, Dartmouth Office | GCC, Région de l'Atlantique, Bureau de Dartmouth
50 Discovery Drive | 50 chemin Discovery
PO Box 1000 | CP 1000
Dartmouth N.S. | N.-É. B2Y 3Z8

Telephone | Telephone : 902-426-9022
Cell | Cellulaire : [REDACTED]
Email | Courriel : Anne.Miller@dfo-mpo.gc.ca

From: Mills, Becky
Sent: November-22-18 1:38 PM
To: Miller, Anne
Subject: FW: Searose/Husky

Hey Anne – please see below and advise.

Becky Mills

Administrative Officer, Incident Management | agente administrative, Gestion des incidents
Canadian Coast Guard | Garde côtière canadienne
Department of Fisheries and Oceans | Ministère des Pêches et des océans

CCG Atlantic Region, Dartmouth Office | GCC, Région de l'Atlantique, Bureau de Dartmouth
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Email / courriel: Becky.Mills@dfo-mpo.gc.ca
Tel / Tél: (902) 426-7852
Fax / Téléc: (902) 426-4828

From: Dumoulin, Isabelle
Sent: November-22-18 12:10 PM
To: Mills, Becky
Subject: Searose/Husky

Good morning Becky,

Robert Brooks was wondering, following his call with IM RD's, if Anne was planning on having a call on the Searose/Husky situation to update us on the situation. Please advise.

Thank you and have a great day,
Isabelle

Isabelle Dumoulin

Administrative assistant, Incident Management /
Adjointe administrative, Gestion des incidents
Canadian Coast Guard | Garde côtière canadienne
Fisheries and Oceans Canada | Pêches et Océans Canada
200 Kent Street, Room 5E217 | 200 rue Kent, Pièce 5E217
Ottawa, Canada K1A 0E6

Telephone | Téléphone 613-949-0950
Isabelle.Dumoulin@dfo-mpo.gc.ca

Matheson, Kyle

From: Matheson, Kyle
Sent: November-22-18 10:32 PM
To: McCallum, Barry
Cc: Mansour, Atef A H; Clarke, Keith
Subject: FW: Update 5: Oil slick from Searose Floating Production Storage and Offloading Vessel (FPSO) at White Rose Oil field, NL

Hi,

A brief update is attached below on the incident from ECCC NEEC.

However, the main takeaways:

- Similar to last couple of days, no new oil has been observed
- A Science Table was held today (chaired by ECCC) primarily to provide an overview of incident and response for various provincial and federal departments and allow further discussions on any concerns.

Cheers, Kyle

From: CNUE / NEEC (EC) [ec.cnue-neec.ec@canada.ca]
Sent: Thursday, November 22, 2018 5:40 PM
To: Taylor, Mary (EC)
Cc: 'osr@cnlopb.nl.ca'; 'pollutionreports@gov.nl.ca'; Corkum, Jeffrey (EC); GLF CSSP Closure / PCCSM fermeture GLF (DFO/MPO); Donaldson, Garry (EC); ec.dalf-atl-wed-atl.ec@canada.ca; EC.F WPM-ATL [Atlantic Region] F.EC; EC.O COMM REGIONS ATL_QC / COMM ATL_QC O.EC; EnforcementDuty (EC); Friesen, York (EC); Gjerdrum, Carina (EC); Gordon, Heather (EC); Mercer, Geoff (EC); Robichaud, Robert (EC); Ronconi, Robert (EC); SQEM Atlantique / MWQM Atlantic (EC); Whittam, Becky (EC); Wilhelm, Sabina (EC); Worthman, Glenn (EC); EC.F MINO ALL F.EC; EC.F NEEC_EC_Partners F.EC; EC.F NEEC_EC_Senior_Mgmt F.EC; EC.F PUE / EEP F.EC; 'CANUTEC (CANUTEC@tc.gc.ca)'; DEOC, COUM (NRCan/RNCan); 'Dominique Blanchard'; GOC / COG (PS/SP); HPOC-COPS, PHAC-ASPC (PHAC/ASPC); 'Janice Pillon'; 'josee.lamoureux@tc.gc.ca'; 'louis.armstrong@tc.gc.ca'; EARMAtI / MARTAtI (EC); EARMCen / MARTCen (EC); PNSACEN, NASPCEN (Ext.); PNSAPAC, NASPPAC (Ext.); NCC / CCN (DFO/MPO); Gestion des urgences-bureau régional Québec / Emergency Management-Quebec Regional Office (PS/SP); 'Santé Canada - Emergency (cepru@hc-sc.gc.ca)'; 'Transport Canada (sitcen@tc.gc.ca)'; clement.murphy@tc.gc.ca; CRAIG.LUEDEE@forces.gc.ca; EED Duty Atlantic; ERDutyOfficer / AgentsdeserviceaffectésàIE (DFO/MPO); dfo.fpp.nl / ppp.t-n-e-l.mpo (DFO/MPO); Gagnon2, Della (PS/SP); Haring, Peter (Ext.); Harris, Paul (EC); Kennell, Gary (EC); shelleymoore@gov.nl.ca; tcmsdutyofficer@tc.gc.ca; EC.F EB-WED-ATL F.EC; XNFL-GRP_Environmental Incident Reports
Subject: Update 5: Oil slick from Searose Floating Production Storage and Offloading Vessel (FPSO) at White Rose Oil field, NL

NEEC Update 5: November 22, 2018

- No oil observed again today during this morning's overflight.
- ROV surveys to inspect subsea assets, which Husky commenced on November 19, are continuing.
- Wildlife surveys continue to gather data on possible impacts using six vessels.
- The C-NLOPB investigation is continuing.

- An Environmental Emergencies Science Table was chaired today by NEEC. The C-NLOPB provided an overview of the incident details and the response operations. Representatives from various federal and provincial departments were able to highlight outstanding concerns or questions they had. Issues were identified for future resolution and a process to address them.
- To date 18 oiled marine birds have been identified, 10 have not been captured, 4 live oiled birds have been brought to St. John's, NL for rehabilitation. 4 dead oiled birds have also been transported to St. John's, NL to be turned over to ECCC-Wildlife Enforcement Directorate.
- As a precautionary approach, ECCC-CWS will initiate beached bird surveys to detect and monitor for potential oiled birds deposited on shoreline areas.
- ECCC CWS has been working with the Wildlife and Landscape Science Directorate of ECCC Science and Technology Branch to assess and process incoming wildlife observation data for use as part of impact assessment on marine birds.

Graham Thomas

Senior Officer, Preparedness and Response – Atlantic
National Environmental Emergencies Centre (NEEC) - Mount Pearl Office
Environmental Protection Operations Directorate
Environment and Climate Change Canada / Government of Canada
graham.thomas@canada.ca / Tel: 709-772-4285 / Cell : [REDACTED] / **Emergencies 24/7 : 1-866-283-2333**

Agent principal, Préparation et intervention – Atlantique
Centre national des urgences environnementales (CNUE) - Bureau de Mount Pearl
Direction des activités de protection de l'environnement
Environnement et Changement climatique Canada / Gouvernement du Canada
graham.thomas@canada.ca / Tél. : 709-772-4285 / Cell : [REDACTED] / **Urgences 24/7 : 1-866-283-2333**

Kelly, Jason

From: Kelly, Jason
Sent: November-23-18 8:54 AM
To: Edison, Margo
Subject: RE: Husky Spill - update

Few notes from call lead by NEEC yesterday

- CNLOPB gave overview of incident
- Husky energy have been conducting daily wildlife surveys.
 - o No sign of oil sheen
 - o Observed 18 oiled birds (5 recovered)
 - o Only a few marine mammals observed in the area (pod of porpoises and a minke whale)
- Possible that there is up to 85m3 left in the flowline (not confirmed) so there is a potential for more release
- Other operators have been asked by CNLOPB to check flowlines for weakness (i.e. due storm last week)
- C-NLOPB have started their incident investigation
- NEEC will continue to monitor the situation
- DFO will continue to participate in updates and provision of information where required
- A formal NEEC Science Table has not been called

Jason

From: Kelly, Jason
Sent: November-22-18 10:01 AM
To: Edison, Margo
Subject: Husky Spill - update

Margo, as an FYI

We will be participating in a call (3:30pm today) where we will receive a briefing and update on the situation from the C-NLOPB.

The NEEC coordinator will also lead a high level discussion of possible issues that may arise and strategies to deal with them.

I will provide an update following the call

Jason

Jason Kelly

A/ Manager – Regulatory Review
Fisheries Protection Program, Ecosystems Management Branch
Fisheries and Oceans Canada, Government of Canada
P.O. Box 5667, St. John's, NL A1C 5X1
Ph: (709) 772-4126
Email: jason.kelly@dfo-mpo.gc.ca

LeBlanc, Brian (Acting AC, Atlantic Region)

From: MSOC-East / COSM-Est (DFO/MPO)
Sent: November 22, 2018 5:52 PM
To: DFO.F CCG Nat Incidents / Incidents Nat GCC F.MPO
Subject: Incident SITREP #007 ER, FPSO Sea Rose - 250 Cubic Meters Crude Oil Spill

1. CCG Region/Incident Name: Sea Rose FPSO release estimated at 250 cubic meters of crude
2. Incident Category/Type: Marine ER Type 4
3. Date/Time: November 22, 16:30hrs
4. Primary Department(s)/Agency(s): C-NLOPB
5. Supporting Departments/Agencies: ECCC, CCG, CWS
6. Regional Location: Atlantic
 - a. Province/Territory: Newfoundland and Labrador
 - b. City: N/A
 - c. Amplifying location: Sea Rose FPSO, White Rose Oil Field.
7. Current Situation: Husky Energy Incident Command Post has been shut down. Staff remain on call ready to reconvene. Husky preparing plan on how to repair subsea flowline and will submit to CNLOPB for approval.
8. Actions Taken: CCG ER remains in close contact with C-NLOPB and ECCC. CG ER attended a Science Table meeting at CNLOPB office this afternoon.
Current Actions (other): ECCC chaired a Science Table at CNLOPB office today. Wildlife surveillance flight in field this afternoon and will continue daily.
9. Media/Public Communications: High media interest.
10. Activities Next 24 Hours: CCG ER will remain in contact with C-NLOPB for any Resource Agency requests for support.
11. Environmental Factors: Weather on site can hamper flights and disrupt wildlife surveys.
12. Significant Issues: N/A
13. Personnel Status: 3 CCG ER Personnel
14. Equipment Status: Industry – Surveillance Aircraft (PAL), three OSV's – Skandi Vinland ROV Operations on site for subsurface assessment, Maersk Dispatcher – Wildlife Observer and Spill Surveillance, Atlantic Hawk – Safety Stand-by and regular surveillance sweeps.
15. New Requirements: N/A
16. Command Assessment: Continue to monitor incident for further developments and respond to any requests for support from C-NLOPB as required.
17. Next SITREP: Approximately 16:00 local time Friday

Maritime Security Officer / Agent de sécurité maritime Canadian Coast Guard / Garde côtière canadienne Marine
Security Operations Centre - East / Centre d'opérations de la sécurité maritime – Est CFB Halifax / BFC Halifax Building D-
201 / Bâtiment D-201

2737 Provo Wallis Street

PO Box 99000 Stn Forces / PO Box 99000 Succ Forces Halifax, Nova Scotia, Canada B3K 5X5 msoceast@dfo-mpo.gc.ca

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Téléphone/Télécopieur Sûr: (902) 427-2987 Government of Canada / Gouvernement du Canada

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Fennelly, Stephanie

From: Yard, David C
Sent: Thursday, November 22, 2018 8:02 AM
To: Miller, Anne
Subject: Re: Incident SITREP 006 ER, FPSO Sea Rose - 250 Cubic Meters Crude Oil Spill

The ER personnel and pollution response equipment in Atlantic Region in general. Don't anticipate any requests for equipment. May be some for personnel to provide operational input.

Sent from my BlackBerry 10 smartphone on the Bell network.

From: Miller, Anne
Sent: Wednesday, November 21, 2018 21:23
To: Yard, David C
Subject: Fwd: Incident SITREP 006 ER, FPSO Sea Rose - 250 Cubic Meters Crude Oil Spill

Hi David, can you provide a response to me for this question?
Thanks, Anne

Sent from my iPhone

Begin forwarded message:

From: "Brooks, Robert" <Robert.Brooks@dfo-mpo.gc.ca>
Date: November 21, 2018 at 7:26:14 PM NST
To: "Miller, Anne" <Anne.Miller@dfo-mpo.gc.ca>
Subject: FW: Incident SITREP 006 ER, FPSO Sea Rose - 250 Cubic Meters Crude Oil Spill

Hi Anne,

Anticipatory question – what CCG assets are on standby?

R

From: Gascon, Julie
Sent: Wednesday, November 21, 2018 5:36 PM
To: MSOC-East / COSM-Est (DFO/MPO) <MSOC-East.XNAT@dfo-mpo.gc.ca>
Cc: Spurrell, Wade <Wade.Spurrell@DFO-MPO.GC.CA>; Brooks, Robert <Robert.Brooks@dfo-mpo.gc.ca>; Tettamanti, Ryan <Ryan.Tettamanti@dfo-mpo.gc.ca>
Subject: RE: Incident SITREP 006 ER, FPSO Sea Rose - 250 Cubic Meters Crude Oil Spill

Can we have the new information in the SITREP in red please. merci

From: MSOC-East / COSM-Est (DFO/MPO)
Sent: November 21, 2018 5:03 PM
To: DFO.F CCG Nat Incidents / Incidents Nat GCC F.MPO <DFO.FCCGNatIncidents-IncidentsNatGCCF.MPO@dfo-mpo.gc.ca>
Subject: Incident SITREP 006 ER, FPSO Sea Rose - 250 Cubic Meters Crude Oil Spill

Subject: Incident SITREP 006 ER, FPSO Sea Rose - 250 Cubic Meters Crude Oil Spill

1. CCG Region/Incident Name: Sea Rose FPSO release estimated at 250 cubic meters of crude
2. Incident Category/Type: Marine ER Type 4
3. Date/Time: November 21, 16:30hrs
4. Primary Department(s)/Agency(s): C-NLOPB
5. Supporting Departments/Agencies: ECCC, CCG, CWS
6. Regional Location: Atlantic
 - a. Province/Territory: Newfoundland and Labrador
 - b. City: N/A
 - c. Amplifying location: Sea Rose FPSO, White Rose Oil Field.
7. Current Situation: PAL surveillance flight this afternoon with CWS representative on board currently involved in a marine mammal /seabird survey. Husky Energy's Regional Response Management Team (RRMT) remains activated at their Response Centre in St. John's. MOU between CCG and CNLOPB was officially activated on November 19, 2018.
8. Actions Taken: CCG ER remains in close contact with C-NLOPB and ECCC. Current Actions (other): Husky Energy continues to stand up their response center in St. John's. Wildlife surveillance flight in field this afternoon.
9. Media/Public Communications: High media interest.
10. Activities Next 24 Hours: A science table meeting has been arranged by Board for 22 November. CCG ER will remain in contact with C-NLOPB and keep personnel and resources are on standby for any Resource Agency requests for support.
11. Environmental Factors: Weather on site prevented surveillance flight this morning.
12. Significant Issues: N/A
13. Personnel Status: 3 CCG ER Personnel
14. Equipment Status: Industry – Surveillance Aircraft (PAL), three OSV's – Skandi Vinland ROV Operations on site for subsurface assessment, Maersk Dispatcher – Wildlife Observer and Spill Surveillance, Atlantic Hawk – Safety Stand-by and regular surveillance sweeps.
15. New Requirements: N/A
16. Command Assessment: Continue to monitor incident for further developments and respond to any requests for support from C-NLOPB as required.
17. Next SITREP: Approximately 16:00 local time Thursday

Maritime Security Officer / Agent de sécurité maritime Canadian Coast Guard / Garde
côtière canadienne Marine Security Operations Centre - East / Centre d'opérations de la
sécurité maritime – Est CFB Halifax / BFC Halifax Building D-201 / Bâtiment D-201
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5X5 msoceast@dfo-mpo.gc.ca Telephone / Téléphone: (902) 427-0662 Fax /
Télécopieur: (902) 427-7841 Secure Telephone/Fax / Téléphone/Télécopieur Sûr: (902)
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immédiatement à l'adresse ci-dessus et l'effacer. Merci.

Annibalini, Sara

From: NCC / CCN (DFO/MPO)
Sent: Thursday, November 22, 2018 6:05 PM
To: Amelin, Vasili; Atchison, Chris; Bisaillon, Annie; Brooks, Robert; Dugal, Jean-Luc; Dussault, Sheyla; Gascon, Julie; Harvey, Clifford; Haubert, Marie-Christine; Hill, Johanna; Hutchinson, Jeffery; Ivany, Gary; Lebel, Mathieu; Lipohar, Peter; Lockhart, Tara; Mackenzie, Joey; Main Ops Officer / Agent principal des Ops (DFO/MPO); Montreal Ops / Ops Montréal (DFO/MPO); Morelli, Carolyn; Morphet, Jason (NCR); Moss, Derek; NCC / CCN (DFO/MPO); Olson, Kathleen; Pelchat, Isabelle; Pelletier, Mario; Perry, Nigel; peter.lipohar@forces.gc.ca; Richardson, John; CCG ATL ROC / COR ATL GCC (DFO/MPO); ROC1 / COR1 (DFO/MPO); Ryan, Sam; Sanderson, Marc; Smith, Fiona; Tettamanti, Ryan; Trudeau, Miriam; Western ROC Superintendent \ Surintendant ROC Ouest (DFO/MPO); Wight, Robert; Wyse, David E
Subject: NCC Evening Operations Update November 22

Good evening,

Please find below an update following this morning's OPS brief. Information is valid as of 18:00 EST. The complete NCC OPS Written Brief for November 23 will be sent out Monday morning.

ONGOING – 2

ER – CCGS CORPORAL MCLAREN PARTIALLY SUBMERGED – SAMBRO, NS

Update: CME is developing safe work procedures for pumping operations and will be reviewing salvage and stability plans, as well as modeling and safety protocols. Plans are expected to be reviewed on November 23. Marine surveyor from the insurance company was on site for a preliminary damage assessment in preparation for an assessment with CCG and ABS once the vessel is refloated and secure at the government wharf. Divers have plugged the last water access point at low tide in order to check the seal as the tide rises; once checked, they will remove the plug. A crane will be on site tomorrow morning to lift and repair the marine railway in preparation for lifting once the vessel is moved.

ER – SEAROSE FPSO CRUDE OIL SPILL – OFFSHORE NL

Update: Husky Energy Incident Command Post has been shut down. Staff remain on call ready to reconvene. Husky preparing plan on how to repair subsea flowline and will submit to CNLOPB for approval. CG ER attended a Science Table meeting chaired by ECCC at CNLOPB office this afternoon. Wildlife surveillance flights will continue daily.

CCG ASSETS

1. **George R. Pearkes** – St. John's, NL. Refit delay; installation of the speed crane as well as the installation and training on the new radars and GMDSS. RTS December 1. Impact: The Northumberland Strait buoy program will be delayed (originally scheduled to begin November 26). The Pearkes was scheduled to complete the Labrador program, due to the delay the Edward Cornwallis has been sent to complete the program.

2. **Cygnus** – St. John's, NL – Refit delay. Drydock. RTS December 1. The tail shaft needs to be machined. Impact: The NAFO program affected due to only one NAFO vessel being operational.
3. **Constable Carrière** – Burlington, ON. Update: Non-operational due to unplanned maintenance. The emergency generator breaker that has been removed and sent to the CCGS A.Leblanc. They will remain in this status until December 9th, at which point they will demobilize for the winter. Impact: None – no scheduled MSET program.
4. **Sipu Muin, Vladykov and S. Dudka** – Returned to service

Kimberly Green

Operations Officer | Agente des opérations

National Command Centre (NCC) | Centre de commandement national (CCN)

Maritime Security (MARSEC) | Sûreté maritime (MARSEC)

Canadian Coast Guard | Garde côtière canadienne

200 Kent Street, 7th floor E-310 | 200 rue Kent, 7^{ème} étage E-310

Ottawa, Ontario, K1A 0E6

Tel: (613) 998-1497 Fax: (613)991-9000

@: kimberly.green@dfo-mpo.gc.ca

Pilgrim, Bret

From: Matheson, Kyle
Sent: November-22-18 3:32 PM
To: Pilgrim, Bret
Subject: Fw: Question: Searose oil spill - White Rose Oil field

FYI From COOGER

Sent from my BlackBerry 10 smartphone on the Bell network.

From: Robinson, Brian <Brian.Robinson@dfo-mpo.gc.ca>
Sent: Thursday, November 22, 2018 9:03 AM
To: Matheson, Kyle; King, Thomas L
Subject: RE: Question: Searose oil spill - White Rose Oil field

Hey Kyle,

According to the ECCC oil database (<http://www.etc-cte.ec.gc.ca/databases/oilproperties/default.aspx>) the oil from the White Rose field has a density 0.887 g/mL at 0 Celcius, so it should quickly rise to the surface. Even the heavily weathered oil (24%) has a density of 0.926 g/mL at 0 Celcius which is still quite buoyant.

There would have been dissolution of soluble hydrocarbons (ie BTEX) from the oil as it travelled through the water column to the surface, but rapid dilution would have brought those concentrations well below biological effects levels (low ppb) outside the exclusion zone.

I'd be interested in knowing the flow rate of the oil out of the pipe. I suspect it was not a high pressure release through a restrictive opening, but if it was it could have produced some smaller droplets. Just doing a quick and dirty Stokes Law calculation, the time it would take droplets of various sizes of this oil to rise 130m is the following

10 micrometers – ~1 yr
100 micrometers – 3.6 days
500 micrometers – 3.5 hrs
1 millimeter – 0.8 hr
3 millimeters – 6 min

The smaller droplets here (<100um) are typical of a chemically dispersed oil with good mixing energy. In the case of this spill, I suspect most of the droplets were large and so they would have quickly risen to the surface. The only way I can see the benthos being impacted was if smaller droplets were formed and they interacted with detritus and other material in the water column which could have sunk to the bottom (search for Marine Oil Snow Sedimentation and Flocculent Accumulation for more info).

FYI – Here at COOGER we have worked with the Searose oil (as part of our produced water monitoring programs) and we have a published a technical report of our work (<http://publications.gc.ca/site/eng/9.822448/publication.html>). We looked at a number of different things including characterizing sheen samples from around the offshore platform, as well as doing a subsurface release in our wave tank and looking at sheen formation and biodegradation. We reported that biodegradation of the sheens was rapid, with half lives of 8 days in or less in warm water for the PAHs and saturated hydrocarbons.

Brian

From: Matheson, Kyle
Sent: November-21-18 9:32 PM
To: King, Thomas L; Robinson, Brian
Subject: Question: Searose oil spill - White Rose Oil field

Hi Tom and Brian,

I had a quick question regarding the potential fate and behaviour of the spilled oil offshore NL. I realize answers may have to be primarily speculation and based on past case studies, but with a release near the sea floor (130 m, in this case) and assuming the seawater temperature near the benthos is close to 0C (I believe that the surface was ~6-7C) is there any potential thought that any of the oil may remain or potential impact the benthos?

I realize the dilution/dispersion in the water column and near the surface would be very rapid, particular with the sea states that they experienced (7+ m swells for several days). In fact, aerial surveillance has not observed any oil on the surface in the last couple of days. However, I was less certain about the behaviour of crude at low temperatures at depth. My assumption is that the oil would still rise and have little to no impact on the benthos, but wanted to double check.

I should add, that I am not following up to any particular question/request, rather for my own information as I consider all possible environmental scenarios.

Thanks again, Kyle

Fennelly, Stephanie

From: Yard, David C
Sent: Thursday, November 22, 2018 5:45 PM
To: Miller, Anne
Subject: Sea Rose Incident - Science Table Update

- 250 cubic meter reported spill.
 - No oil remaining on surface and oil spill recovery phase over.
 - ECCC and CWS remain engaged with wildlife overflights and providing trajectories, mass balance and resources at risk. Science Table chaired by Graham Thomas of ECCC today and CCG personnel in attendance.
 -

85 Cubic Meter Potential Spill

- Oil remaining in flowline that is at risk of being released is 85m3.
- Husky is in the process of preparing a detailed plan on the procedure for removing and replacing damaged weak link.
- Husky will seek to satisfy CNLOPB with the response plan for potential release.
- The response plan will include, ships (response and dive support) , sweep systems, bird/mammal observers and surveillance.
- Estimated time to complete engineering solution and response plan is 2 to 3 weeks at present.

Pilgrim, Bret

From: Matheson, Kyle
Sent: November-22-18 8:52 PM
To: Pilgrim, Bret
Subject: RE: Searose Incident Update Nov 22, 2018

Thanks.

- K

From: Pilgrim, Bret
Sent: Thursday, November 22, 2018 11:15 AM
To: Matheson, Kyle
Subject: FW: Searose Incident Update Nov 22, 2018

Summary from call this morning below

From: Pilgrim, Bret
Sent: November-22-18 11:41 AM
To: Kelly, Jason
Subject: RE: Searose Incident Update Nov 22, 2018

Summary of the Call this morning (Nov 22)

Participants:

Husky, CNLOPB, CWS, NEEC, DFO

- Recap on yesterdays (Nov 21)activities
 - Completed transect surveys of grid blocks C2 and C3
 - Transect spacing has changed from 0.5 nm to 1nm. A Ship can now complete two grid block/day
 - No oil or oiled wildlife was identified
- Focus for today (Nov 22)
 - Completed transect survey of blocks E6, F6, B4, C4. These blocks were identified as possible sheen location based on tracker buoy path.
 - Update on birds. We receive daily wildlife surveys.
- Requested more consistency in the approach to reporting mammal sighting as reports from ships were not indicating that they were surveying for marine mammal as well as seabird. Husky agreed to update reporting template and communicate changes to ships/observers.

Bret

From: Pilgrim, Bret
Sent: November-21-18 11:45 AM
To: Kelly, Jason
Subject: RE: Searose Incident Update Nov 21, 2018

Participated on the update call at 1100.

Participants:

Husky, CNLOPB, CWS, NEEC, DFO

Not a lot to report.

- Recap on yesterdays (Nov 20)activities
 - Completed transect surveys of grid blocks B1, B2, B3, C1 (SEE ATTACHED MAP)
 - Can complete survey of one block/day/vessel
 - 2 aerial surveys completed
 - One Minke whale spotted
- Focus for today (Nov 21)
 - Completed transect survey of blocks C2, C3. These blocks were identified as possible sheen location based on tracker buoy path.
- Update on birds. We receive daily wildlife surveys.
- The 6 small spots of oil identified on Nov 20 by PAL crew in the morning could not be located in the afternoon flight. No oil sheen locations have been currently identified.
- **Next update call Nov 22, 2018 @ 1100**

Bret

From: Pilgrim, Bret
Sent: November-21-18 9:32 AM
To: Kelly, Jason
Subject: Searose Incident Update

Jason,

We are in continual contact with Graham. We asked with news of a few more small patches of oil found on the surface yesterday, did he foresee any changes/new expected requests for DFO (e.g. Science Table etc)?

Graham's response was "Nothing additional at this time, I have no information on the extend of those patches, another flight was scheduled for this afternoon (Tuesday) to get more info"

The daily update call is at 1100. I will be participating.

Bret

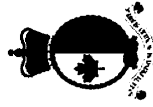
Bret Pilgrim

Fisheries Protection Biologist
Fisheries Protection Program | Programme de protection des pêches
Ecosystems Management | Gestion des écosystèmes
Fisheries and Oceans Canada | Pêches et Océans Canada
Northwest Atlantic Fisheries Centre |
Centre des Pêches de l'Atlantique Nord-Ouest
80 East White Hills Road | 80, route White Hills est
PO Box 5667 | CP 5667
St. John's NL A1C 5X1 Canada
Tel. 709-772-6562

Fraser, Patrick

From: DiFranco, Sergio (NCR)
Sent: Thursday, November 22, 2018 3:25 PM
To: Fraser, Patrick
Cc: Palmer, Justin
Subject: Open Action Tracker - Husky.docx
Attachments: Open Action Tracker - Husky.docx

As discussed. Some of these probably don't belong, but we can clean it up as time passes. Just wanted to capture everything for version 1.



ICS-233 (CCG) Incident Open Action Tracker

1. Incident Name: Husky / SeaRose						ICS-233 (CCG) Incident Open Action Tracker	
2. No.	3. Item / Observation	4. Point of Contact (Name/Position)	5. Point of Contact Tasked	6. Start Date/Time	7. Status	8. Target Date	9. Actual Completion Date
1	Original discharge of approximately 250 cubic metres of product;	Region			No sheening observed on water.		
2		Region					
3	Surveillance flights occurred well after the original release occurred;	Region			Surveillance flights to continue monitoring for oil.		
4	3 cubic meters were initially observed on the water. Subsequent flights have not seen any further sheening;	Region			Surveillance flights to continue monitoring for oil.		
5	Some oiled birds have been observed. Potential for more to be discovered later on;	Region			Continue monitoring for oiled birds at sea / washing up on shorelines.		
6	The CCG / CNLOPB MOU was activated;	Region			No action required.		



ICS-233 (CCG) Incident Open Action Tracker

7	CCG and ECRC providing some personnel to partake in surveillance flights as well as provide advice and guidance;	Region.				CCG ER will continue to provide personnel support, as required.		
8	Husky Energy set up a Regional Response Management Team in St. John's, but have since stood it down;	Region.						
9	CCG personnel are on standby, but have not received any further requests for assistance;	Region.				CCG ER will continue to provide personnel support, as required.		
10	No community engagement from Husky has been conducted (i.e. fishing communities, tourism groups, environmental groups, other stakeholders, etc.)	Region.				CCG to suggest community engagement activities be undertaken to Husky / the Board.		
11		Region.				CCG ER to request a status update on the response plan.		
12	A Science Table meeting is scheduled today;	Region.				Meeting results TBA.		
13		Region.						

**ICS-233 (CCG)
Incident Open Action Tracker**

14	Potential activation of the Maritime Event Response Protocol (MERP).	Director, Operations					Potential call into the MERP to relay CCG concerns regarding the response. MERP can be activated by the NCC.	November 23 – 26.	
15									
16									
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24									
25									
10. Prepared by (Documentation Unit Leader):									11. Date/Time:
INCIDENT OPEN ACTION TRACKER									ICS-233 (CCG)

Fraser, Patrick

From: DiFranco, Sergio (NCR)
Sent: Thursday, November 22, 2018 2:38 PM
To: Brickett, JJ
Cc: Fraser, Patrick
Subject: Searose / Husky Energy regional update

FYI and for internal purposes only. Robert Brooks and I had a telecon with Atlantic Region for an update on the Searose incident:

- Original discharge of approximately 250 cubic metres of product;
- [REDACTED]
- Surveillance flights occurred well after the original release occurred;
- 3 cubic meters were initially observed on the water. Subsequent flights have not seen any further sheening;
- Some oiled birds have been observed. Potential for more to be discovered later on;
- The CCG / CNLOPB MOU was activated;
- CCG and ECRC providing some personnel to partake in surveillance flights as well as provide advice and guidance;
- Husky Energy set up a Regional Response Management Team in St. John's, but have since stood it down;
- CCG personnel are on standby, but have not received any further requests for assistance;
- No community engagement from Husky has been conducted (i.e. fishing communities, tourism groups, environmental groups, other stakeholders, etc.)
- [REDACTED]
- A Science Table meeting is scheduled today;
- [REDACTED]
- [REDACTED]

Sergio Di Franco
Operational Requirements Analyst / Analyste, Exigences opérationnelles
Canadian Coast Guard / Garde côtière canadienne
200 Kent St.
Ottawa, Ont.
K1A 0E6
Phone / Téléphone: (613) 402-7794
sergio.difranco@dfo-mpo.gc.ca

Dumoulin, Isabelle

From: Brickett, JJ
Sent: November 22, 2018 9:26 AM
To: Brooks, Robert
Subject: RE: RD IM / call today - Issues to raise?

Following up on today's half hour bilat

Western:
Assignment paper work JJ / any takers to back fill?

Atlantic:
SeaRose readiness posture

What are they expecting / what have they modelled?
If they have a specific scenario in mind is the equipment identified staged?
Are specific logistics [transport / loading / vessel] been considered / planned?
What are (if any) activation thresholds for this?
Do we have time on-scene prediction, post activation?

JJ Brickett

A/ National Manager | Gestionnaire intérimaire national Superintendent | Surintendant Environmental Response |
Intervention environnementale Canadian Coast Guard | Garde côtière canadienne jonathan.brickett@dfo-mpo.gc.ca

-----Original Message-----

From: Brooks, Robert
Sent: November-22-18 6:43 AM
To: Justice, Robert; Dussault, Sheyla; Corrigan, Michelle; Brickett, JJ; Bisaillon, Annie; Dumoulin, Isabelle
Subject: RD IM / call today - Issues to raise?

Hi Team,

I'm going to continue to have a weekly call with RD's of IM-

Does anyone have any issues for me to raise, discuss, flag?

I'm open if any of you would like to take the call with me - helps share info, resolve questions

Isabelle - could you forward the invite - folks on the road - no need to call in - we can debrief you, let us know if you have something to be discussed though.

Thanks!
R

Sent from my iPhone

Dumoulin, Isabelle

From: Justice, Robert
Sent: November 22, 2018 8:51 PM
To: Brooks, Robert
Subject: Re: Searose/Husky

08:15 brief would work fine I think. I will have a copy of the MERP with me.

Rob

Sent from my BlackBerry 10 smartphone on the Bell network.

Original Message

From: Brooks, Robert
Sent: Thursday, November 22, 2018 20:46
To: Justice, Robert
Subject: Re: Searose/Husky

Thanks, I think we should brief it at 8:15 to ML as recommendation to raise with the seniors brief for a check in.

Or is there another way to raise it up I'm not thinking about?

Look forward to chatting

R

Sent from my iPhone

> On Nov 22, 2018, at 6:31 PM, Justice, Robert <Robert.Justice@dfo-mpo.gc.ca> wrote:

>

> If the level of concern within Coast Guard remains as you described late today, I would recommend considering a MERP call.

>

> Can discuss further in the morning and have a quick look at the protocol for you to see options regarding who to engage.

>

> If nothing else the federal family could share what they know and all get on the same page regarding potential way ahead.

>

> Cheers,

>

> Rob

>

> Sent from my BlackBerry 10 smartphone on the Bell network.

> Original Message

> From: Brooks, Robert

> Sent: Thursday, November 22, 2018 08:22

> To: Brickett, JJ; Fraser, Patrick; Twining, Janet; DiFranco, Sergio (NCR); Dumoulin, Isabelle

> Cc: Justice, Robert

> Subject: Searose/Husky

>

>

> Good morning

>

> We will have a call with the region this morning- time to be determined -

>

> In advance, please look at what federal partners we will need to engage in HQ - ECCC, NRCAN, TC,others? And to have the contact info of the specific people/positions.

>

> Happy for anyone as appropriate to join the call

>

> Thx

>

> Sent from my iPhone

Fraser, Patrick

From: Brooks, Robert
Sent: Thursday, November 22, 2018 4:21 PM
To: Brickett, JJ; Fraser, Patrick
Subject: Fwd: Update SeaRose/Husky

Sent from my iPhone

Begin forwarded message:

From: LeBlanc, Michèle (NCR) <Mich.Leblanc@dfo-mpo.gc.ca>
Date: November 22, 2018 at 3:24:04 PM EST
To: "Brooks, Robert" <Robert.Brooks@dfo-mpo.gc.ca>, "Gascon, Julie" <Julie.Gascon@dfo-mpo.gc.ca>, "Spurrell, Wade" <Wade.Spurrell@DFO-MPO.GC.CA>
Cc: "Bisaillon, Annie" <Annie.Bisaillon@dfo-mpo.gc.ca>, "Lebel, Mathieu" <Mathieu.Lebel@dfo-mpo.gc.ca>
Subject: Re: Update SeaRose/Husky

Thanks Robert.

Wade, update below. Robert is also starting, with region, a record of CCG actions taken to date for future reference if required.

M

Sent from my BlackBerry 10 smartphone on the Rogers network.

Original Message

From: Brooks, Robert
 Sent: Thursday, November 22, 2018 3:01 PM
 To: LeBlanc, Michèle (NCR)
 Cc: Bisaillon, Annie
 Subject: Update SeaRose/Husky

Michelle,

Call with RD and ER Supt held today 2pm. Latest:

- Husky has stood down there Regional Command and response centre. Signals they have ended the response phase.
- CNLOPB - MOU activated with Coast Guard, no specific request for assistance beyond advice.
- 2 Coast Guard ER officers identified to support and are at the regional Science Table meeting ongoing this aft. They are directed to ask for next actions and the response plan.

- 

- not aware of any engagement of fishing industry, other stakeholders etc.

Next Steps

- region to receive sitrep from science table meeting
- RD or AC to call NEB to discuss expectations for CCG and to begin leaning forward with advice
- in HQ - we are identifying HQ leads to connect with in NRCan, ECCC to begin national level discussion.

Tactically - no ER equipment mobilized. Next risk - estimates of 85m3 left in the line - no response plan in place.

HQ IM initiating an action tracker.

Will brief again as soon as I know more.

Sent from my iPhone

Fraser, Patrick

From: Fraser, Patrick
Sent: Thursday, November 22, 2018 3:48 PM
To: Brooks, Robert; Brickett, JJ
Cc: Sergio DiFranco (sergio.difranco@dfo-mpo.gc.ca)
Subject: HQ OIM Action Tracker / Searose Husky (started on Nov 22)
Attachments: Open Action Tracker Husky.docx

JJ/Robert, fyi.

As discussed by Robert. Please find attached the start of an Action Tracker. Sergio provided very helpful notes for inclusion in the tracker following the regional call this afternoon.

We'll continue to support identifying director level HQ personnel in OGD (ECCC, TC, DFO, NRCan/NEB, etc.) in anticipation of a near future information sharing call.

Please keep in mind that CCG belongs to the MERP. It could be a strategy in HQ for this case. However, unfortunately, I don't believe NEB/NRCan are not members of the core group / partners. It does fit a MERP trigger that – "the threat or event could be injurious to the security, political, social, environmental or other national interests of Canada", "more than one federal department or agency has become involved in responding to the threat or event". NCC and GOC support coordination of the call.

Thank you,

Patrick Fraser

Preparedness and Response Analyst, Incident Management Branch
Fisheries and Oceans Canada / Government of Canada
Patrick.fraser@dfo-mpo.gc.ca / Cel: [REDACTED]

Analyste préparation et intervention / Direction générale de la gestion de l'incident
Pêches et Océans Canada / Gouvernement du Canada
Patrick.fraser@dfo-mpo.gc.ca / cell. : [REDACTED]



ICS-233 (CCG) Incident Open Action Tracker

1. Incident Name: Husky / SeaRose				ICS-233 (CCG) Incident Open Action Tracker		
2. No.	3. Item / Observation	4. Point of Contact (Name/Position)	5. Point of Contact Tasked	6. Start Date/Time	7. Status	8. Target Date 9. Actual Completion Date
1 Dated: Nov 22	Original discharge of approximately 250 cubic metres of product;	Region			No sheening observed on water.	
2 Dated: Nov 22		Region				
3 Dated: Nov 22	Surveillance flights occurred well after the original release occurred;	Region			Surveillance flights to continue monitoring for oil.	
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6	The CCG / CNLOPB MOU was activated;	Region			No action required.	



ICS-233 (CCG) Incident Open Action Tracker

Dated: Nov 22									
7 Dated: Nov 22	CCG and ECRC providing some personnel to partake in surveillance flights as well as provide advice and guidance;	Region.						CCG ER will continue to provide personnel support, as required.	
8 Dated: Nov 22	Husky Energy set up a Regional Response Management Team in St. John's, but have since stood it down;	Region.							
9 Dated: Nov 22	CCG personnel are on standby, but have not received any further requests for assistance;	Region.						CCG ER will continue to provide personnel support, as required.	
10 Dated: Nov 22	No community engagement from Husky has been conducted (i.e. fishing communities, tourism groups, environmental groups, other stakeholders, etc.)	Region.						CCG to suggest community engagement activities be undertaken to Husky / the Board.	
11 Dated: Nov 22		Region.						CCG ER to request a status update on the response plan.	
12 Dated: Nov 22	A Science Table meeting is scheduled today;	Region.						Meeting results TBA.	



ICS-233 (CCG)
Incident Open Action Tracker

13 Dated: Nov 22		Region.				
14 Dated: Nov 22	Potential activation of the Maritime Event Response Protocol (MERP).	Director, Operations			November 23 – 26.	
15						
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24						
25						
10. Prepared by (Documentation Unit Leader):						
11. Date/Time:						
ICS-233 (CCG)						

INCIDENT OPEN ACTION TRACKER

Fraser, Patrick

From: DiFranco, Sergio (NCR)
Sent: Thursday, November 22, 2018 10:39 AM
To: Brickett, JJ; Justice, Robert; Brooks, Robert
Cc: Twining, Janet; Fraser, Patrick; Dumoulin, Isabelle
Subject: RE: Searose/Husky
Attachments: Document2.docx

I'll print out copies for those in Ottawa.

-----Original Message-----

From: Brickett, JJ
Sent: November-22-18 9:31 AM
To: Justice, Robert <Robert.Justice@dfo-mpo.gc.ca>; Brooks, Robert <Robert.Brooks@dfo-mpo.gc.ca>; DiFranco, Sergio (NCR) <Sergio.DiFranco@dfo-mpo.gc.ca>
Cc: Twining, Janet <Janet.Twining@dfo-mpo.gc.ca>; Fraser, Patrick <Patrick.Fraser@dfo-mpo.gc.ca>; Dumoulin, Isabelle <Isabelle.Dumoulin@dfo-mpo.gc.ca>
Subject: RE: Searose/Husky

Gents:

Please share deets for telecc. I'd like Janet, Patrick and Sergio to join me.

In advance of the / any telecc, Sergio can you build us our standard assessment (appendix c list) summary from updates and share with his group.

tx

JJ Brickett

A/ National Manager | Gestionnaire intérimaire national Superintendent | Surintendant Environmental Response |
Intervention environnementale Canadian Coast Guard | Garde côtière canadienne jonathan.brickett@dfo-mpo.gc.ca BB

-----Original Message-----

From: Twining, Janet
Sent: November-22-18 8:28 AM
To: Brooks, Robert
Cc: Brickett, JJ; Justice, Robert
Subject: RE: Searose/Husky

Good morning,

I am in the bldg., so if you let me know what time, I will join. I am otherwise in meetings with the ER national Training Advisory Group.

JT

-----Original Message-----

From: Brooks, Robert

Sent: November-22-18 8:22 AM

To: Brickett, JJ; Fraser, Patrick; Twining, Janet; DiFranco, Sergio (NCR); Dumoulin, Isabelle

Cc: Justice, Robert

Subject: Searose/Husky

Good morning

We will have a call with the region this morning- time to be determined -

In advance, please look at what federal partners we will need to engage in HQ - ECCC, NRCAN, TC,others? And to have the contact info of the specific people/positions.

Happy for anyone as appropriate to join the call

Thx

Sent from my iPhone

Response domains Core response priorities →	The casualty	The clean-up	The continuity of the impacted resource	Severe weather hampering any on-water response efforts and also impacting surveillance flights.
Safety of responders and the public	Provide for the safety and welfare of citizens and response personnel by (dd:mm / hh:mm).# Conduct an operational risk assessment and ensure controls are in place to protect responders and the public by (dd:mm / hh:mm).#			Source controlled. ROV onsite conducting assessment.
Incident stabilization / Control of the scene	Initiate actions to stop, control, collect at / near the source to minimize the total volume released by (dd:mm / hh:mm).# Contain, treat, and recover spilled materials from the water's surface by (dd:mm / hh:mm).#	Implement measures to limit usage of the impacted resource by (dd:mm / hh:mm).*	3 cubic metres observed on the surface initially. Sheening observed in subsequent surveillance flights, but recent flights have not observed any sheening.	Husky energy Regional Response Management Team deployed. CNGC – CLNOPB MOU activated Nov. 19. CCG ER and ECRC resources activated – both agencies provided personnel to partake in surveillance flights and provide advice and guidance as required. No deployment of CCG / ECRC equipment resources.
Protection of the environment, infrastructure, and property	Develop and implement a pollution impact mitigation plan by (dd:mm / hh:mm).* Develop and implement a transit plan to include final destination and berth for vessel(s) by (dd:mm / hh:mm).*	Protect identified environmentally sensitive areas by (dd:mm / hh:mm).# Haze, recover, and rehabilitate injured wildlife by (dd:mm / hh:mm).# Conduct shoreline assessment by (dd:mm / hh:mm).# Conduct pre-impact shoreline debris removal by (dd:mm / hh:mm).# Conduct shoreline cleanup efforts by (dd:mm / hh:mm).#	Restore basic functionality of the impacted resource to facilitate the rapid resumption of normal usage by (dd:mm / hh:mm).*	
Situational Awareness	Conduct damage/stability assessment of vessel by (dd:mm / hh:mm).* Identify safe refuge/berth for impacted vessels by (dd:mm / hh:mm).* Identify social, political, and economic issues by (dd:mm / hh:mm).* Implement a coordinated response with regulatory and other law enforcement / investigating agencies by (dd:mm / hh:mm).*	Conduct surveillance and monitoring operations of plume, air/water quality, presence and type of wildlife by (dd:mm / hh:mm).# Identify environmentally sensitive areas, wildlife, habitats, and culturally significant properties by (dd:mm / hh:mm).* Identify threatened species at risk by (dd:mm / hh:mm).# Determine oil and hazardous substance fate and effect (trajectories by (dd:mm / hh:mm).*) Investigate the potential for and, if feasible, use alternative technologies to support response efforts by (dd:mm / hh:mm).* Identify social, political, and economic issues by (dd:mm / hh:mm).* Implement a coordinated response with regulatory and other law enforcement / investigating agencies by (dd:mm / hh:mm).*	Identify impacts to resources by (dd:mm / hh:mm).* Identify constraints on impacted resource as a result of an incident by (dd:mm / hh:mm).* Identify a pre-impact baseline for the impacted resource(s) by (dd:mm / hh:mm).* Identify social, political, and economic issues by (dd:mm / hh:mm).* Implement a coordinated response with regulatory and other law enforcement / investigating agencies by (dd:mm / hh:mm).*	High media interest Type 4 incident No shoreline impacts observed. Science table meeting arranged for today (November 22).
Community Engagement	Establish an information transfer process to facilitate communications with stakeholders and organizations by (dd:mm / hh:mm).# Establish a Joint Information Centre (JIC) with partner / stakeholder agencies by (dd:mm / hh:mm).* Develop and implement multi-language/culture outreach program by (dd:mm / hh:mm).* Establish a Volunteer Management Program and assign a coordinator by (dd:mm / hh:mm).* Establish a Vessels of Opportunity Program and assign a coordinator by (dd:mm / hh:mm).*			

Dumoulin, Isabelle

From: Smith, Fiona
Sent: November 22, 2018 7:46 AM
To: Brooks, Robert
Cc: Salem, Ann-Margaret
Subject: Searose today

Hi Robert - can you please keep me and Ann-Margaret looped in for comms? One of us could join you for your call with Ann Millar later, if that works.

F

Fiona Smith



Dumoulin, Isabelle

From: Miller, Anne
Sent: November 22, 2018 9:40 AM
To: Brooks, Robert
Subject: Fwd: Update 4: Oil slick from Searose Floating Production Storage and Offloading Vessel (FPSO) at White Rose Oil field, NL

FYI..... update from ECCC's NEEC on the Sea Rose spill.

Sent from my iPhone

Begin forwarded message:

From: "Yard, David C" <David.Yard@dfo-mpo.gc.ca>
Date: November 22, 2018 at 11:02:40 AM NST
To: "Miller, Anne" <Anne.Miller@dfo-mpo.gc.ca>
Subject: **Fw: Update 4: Oil slick from Searose Floating Production Storage and Offloading Vessel (FPSO) at White Rose Oil field, NL**

Sent from my BlackBerry 10 smartphone on the Bell network.

From: Dubuc, Martine (EC) <martine.dubuc@canada.ca>
Sent: Thursday, November 22, 2018 10:48
To: CNUE / NEEC (EC)
Cc: Taylor, Mary (EC); osr@cnlopb.nl.ca; pollutionreports@gov.nl.ca; Corkum, Jeffrey (EC); GLF CSSP Closure / PCCSM fermeture GLF (DFO/MPO); Donaldson, Garry (EC); ec.dalf-atl-wed-atl.ec@canada.ca; EC.F WPM-ATL [Atlantic Region] F.EC; EC.O COMM REGIONS ATL_QC / COMM ATL_QC O.EC; EnforcementDuty (EC); Friesen, York (EC); Gjerdrum, Carina (EC); Gordon, Heather (EC); Mercer, Geoff (EC); Robichaud, Robert (EC); Ronconi, Robert (EC); SQEM Atlantique / MWQM Atlantic (EC); Whittam, Becky (EC); Wilhelm, Sabina (EC); Worthman, Glenn (EC); EC.F MINO ALL F.EC; EC.F NEEC_EC_Partners F.EC; EC.F NEEC_EC_Senior_Mgmt F.EC; EC.F PUE / EEP F.EC; CANUTEC (CANUTEC@tc.gc.ca); DEOC, COUM (NRCan/RNCan); Dominique Blanchard; GOC / COG (PS/SP); HPOC-COPS, PHAC-ASPC (PHAC/ASPC); Janice Pillon; josee.lamoureux@tc.gc.ca; louis.armstrong@tc.gc.ca; EARMATl / MARTATl (EC); EARMCen / MARTCen (EC); PNSACEN, NASPCEN (Ext.); PNSAPAC, NASPPAC (Ext.); NCC / CCN (DFO/MPO); Gestion des urgences-bureau régional Québec / Emergency Management-Quebec Regional Office (PS/SP); Santé Canada - Emergency (cepru@hc-sc.gc.ca) ; Transport Canada (sitcen@tc.gc.ca); clement.murphy@tc.gc.ca; CRAIG.LUEDEE@forces.gc.ca; ERDutyOffice / AgentsdeserviceaffectésàIE (DFO/MPO); dfo.fpp.nl / ppp.t-n-e-l.mpo (DFO/MPO); Gagnon2, Della (PS/SP); Haring, Peter (Ext.); Harris, Paul (EC); Kennell, Gary (EC); shelleymoore@gov.nl.ca; tcmsdutyofficer@tc.gc.ca; EC.F EB-WED-ATL F.EC; XNFL-GRP_Environmental Incident Reports
Subject: Re: Update 4: Oil slick from Searose Floating Production Storage and Offloading Vessel (FPSO) at White Rose Oil field, NL

Thanks to all the team that work hard in this emergency situation and for the update provide in a timely fashion.

Dre Martine Dubuc

Sous-ministre déléguée
Environnement et Changement climatique Canada / Gouvernement du Canada
Martine.Dubuc@canada.ca / Tél. : 819-938-9041

Associate Deputy Minister
Environment and Climate Change Canada / Government of Canada
Martine.Dubuc@canada.ca / Tel: [819-938-9041](tel:819-938-9041)

On Nov 21, 2018, at 6:21 PM, CNUE / NEEC (EC) <ec.cnue-neec.ec@canada.ca> wrote:

NEEC Update 4: November 21, 2018

- C-NLOPB has launched their investigation into the root cause of this incident.
- The ROV survey on Monday November 19, 2018 identified the source of the release as a disconnected weak link. Plans are being developed to recover the connection for further investigation, and to respond to any residual product which may remain in the pipe if it were to be released.
- There was one overflight this afternoon but the visibility was not sufficient to make observations. This was the ninth flight since November 16th. The previous four flights in recent days did not observed any oil.
- Four vessels continue to be in the field with trained wildlife observers on board conducting wildlife observations. ECCC-CWS is working with Husky Energy in the design and execution of these surveys to record bird density in and around the affected areas. Birds identified thus far in the area include Dovekie, Common Murre, Thick-billed Murre, Northern Fulmar, Black-legged Kittiwake, Glaucous Gull, Great Black-backed Gull, Storm Petrel, Herring Gull, Sooty Shearwater and Atlantic Puffin
- Data from all surveys are made available to subject matter experts from ECCC-CWS, Department of Fisheries and Oceans and the Newfoundland and Labrador Department of Fisheries and Land Resources.
- Two captured oiled marine birds (Thick-billed Murres) arrived at the rehabilitation center in St. John's NL. This morning two ECCC-CWS staff and two ECCC-WED Wildlife Enforcement Officers visited the rehabilitation center to view the birds and obtain feather samples for oil analysis.
- Three more oiled birds are enroute to the rehabilitation centre, two are alive and one is dead. The dead bird will be handed over to ECCC-WED.
- NEEC remains in daily contact with the C-NLOPB providing advice and technical support as needed.

- MSC- Canadian Ice Service has analyzed a total of 9 different satellite images from 3 different sources to provide coverage of the affected area. No images have found any oil anomalies. Six of those images were collected today and yesterday.
- NEEC will chair an Environmental Emergencies Science Table tomorrow including many federal and provincial authorities to have high level discussions of any issues and concerns going forward regarding monitoring of impacts this incident may have had on the environment.

Graham Thomas

Senior Officer, Preparedness and Response – Atlantic
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Emergencies 24/7 : 1-866-283-2333

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Urgences 24/7 : 1-866-283-2333

From: CNUE / NEEC (EC)

Sent: November 20, 2018 5:06 PM

To: Taylor, Mary (EC)

Cc: 'osr@cnlop.nb.ca'; 'pollutionreports@gov.nl.ca'; Corkum, Jeffrey (EC); 'CSSPClosure'; Donaldson, Garry (EC); ec.dalf-atl-wed-atl.ec@canada.ca; EC.F WPM-ATL [Atlantic Region] F.EC; EC.O COMM REGIONS ATL_QC / COMM ATL_QC O.EC; EnforcementDuty (EC); Friesen, York (EC); Gjerdrum, Carina (EC); Gordon, Heather (EC); Mercer, Geoff (EC); Robichaud, Robert (EC); Ronconi, Robert (EC); SQEM Atlantique / MWQM Atlantic (EC); Whittam, Becky (EC); Wilhelm, Sabina (EC); Worthman, Glenn (EC); EC.F MINO ALL F.EC; EC.F NEEC_EC_Partners F.EC; EC.F NEEC_EC_Senior_Mgmt F.EC; EC.F PUE / EEP F.EC; 'CANUTEC (CANUTEC@tc.gc.ca)'; DEOC, COUM (NRCan/RNCan); 'Dominique Blanchard'; GOC / COG (PS/SP); HPOC-COPS, PHAC-ASPC (PHAC/ASPC); 'Janice Pilon'; 'josee.lamoureux@tc.gc.ca'; 'louis.armstrong@tc.gc.ca'; EARMATl / MARTATl (EC); EARMCen / MARTCen (EC); PNSACEN, NASPCEN (Ext.); PNSAPAC, NASPPAC (Ext.); Ext-PCH, NCC-CCN (Ext.);

Gestion des urgences-bureau régional Québec / Emergency Management-Quebec
Regional Office (PS/SP); 'Santé Canada - Emergency (cepru@hc-sc.gc.ca)'; 'Transport
Canada (sitcen@tc.gc.ca)'

Subject: RE: Update 3: Oil slick from Searose Floating Production Storage and
Offloading Vessel (FPSO) at White Rose Oil field, NL

NEEC Update 3: November 20, 2018

- Canada – Newfoundland and Labrador Offshore Petroleum Board (C-NLOPB) on November 18, 2018 announced they are beginning a formal investigation into the root cause of incident.
- Husky Energy has reported in their media releases the volume of the incident was estimated to be 250 cubic metres of White Rose crude. This is only an estimate, the exact volume will be determined through the incident investigation.
- Aerial surveys today with trained federal government staff on board did not observe any oil on the surface, this is the second day in a row without any surface oil being seen.
- Three captured oiled marine birds are being transferred to a rehabilitation center in St. John's, NL today for assessment by trained professionals.
- ECCC-CWS staff are working with Husky Energy and the C-NLOPB to monitor all reports of oiled marine birds to try and ensure observations are accurately reported to government and the public.
- ECCC-CWS took part in an aerial surveys for wildlife impacted or at risk in the general area of the incident.
- ECCC-CWS staff will be deployed to work with Husky Energy staff to further design and plan surveys to ensure accurate data is collected.
- Husky Energy conducted a survey yesterday November 19, 2018 using a remotely operated vehicle of the suspected source, data from that survey is being reviewed by the C-NLOPB.
- Media attention remains high.

Graham Thomas

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Emergencies 24/7 : 1-866-283-2333

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Canada
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Urgences 24/7 : 1-866-283-2333

From: CNUE / NEEC (EC)

Sent: November 19, 2018 3:05 PM

To: Taylor, Mary (EC)

Cc: 'osr@cnlopb.nl.ca'; pollutionreports@gov.nl.ca; Corkum, Jeffrey (EC); CSSPClosure; Donaldson, Garry (EC); ec.dalf-atl-wed-atl.ec; EC.F WPM-ATL [Atlantic Region] F.EC; EC.O COMM REGIONS ATL_QC / COMM ATL_QC O.EC; EnforcementDuty (EC); Friesen, York (EC); Gjerdrum, Carina (EC); Gordon, Heather (EC); Mercer, Geoff (EC); Robichaud, Robert (EC); Ronconi, Robert (EC); SQEM Atlantique / MWQM Atlantic (EC); Whittam, Becky (EC); Wilhelm, Sabina (EC); Worthman, Glenn (EC); EC.F MINO ALL F.EC; EC.F NEEC_EC_Partners F.EC; EC.F NEEC_EC_Senior_Mgmt F.EC; EC.F PUE / EEP F.EC; CANUTEC (CANUTEC@tc.gc.ca); DEOC, COUM (NRCAN/RNCAN); Dominique Blanchard; GOC / COG (PS/SP); HPOC-COPS, PHAC-ASPC (PHAC/ASPC); Janice Pilon; josee.lamoureux@tc.gc.ca; louis.armstrong@tc.gc.ca; EARMATl / MARTATl (EC); EARMCen / MARTCen (EC); PNSACEN, NASPCEN (Ext.); PNSAPAC, NASPPAC (Ext.); Ext-PCH, NCC-CCN (Ext.); Gestion des urgences-bureau régional Québec / Emergency Management-Quebec Regional Office (PS/SP); Santé Canada - Emergency (cepru@hc-sc.gc.ca); Transport Canada (sitcen@tc.gc.ca)

Subject: RE: Update 1: Oil slick from Searose Floating Production Storage and Offloading Vessel (FPSO) at White Rose Oil field, NL

NEEC Update 2: November 19, 2018

- Overflight this morning observed no oil on the surface. Another overflight focused on wildlife observations is planned for this afternoon;
- A Remotely Operated Vehicle (ROV) survey of the South White Rose extension underwater installations is planned for today to determine source;
- Surveys for impacts to marine birds and mammals are ongoing – there are reports of impacted marine birds being observed;
- ECCC's Canadian Wildlife Service (CWS) as well as Fisheries and Oceans Canada staff are providing scientific support through the National Environmental Emergencies Centre (NEEC);
- ECCC's CWS will participate in a planned overflight tomorrow.

- The NEEC is in close communication with the Lead Agency, the Canada-Newfoundland and Labrador Offshore Petroleum Board (C-NLOPB);
- Media interest remains high

Graham Thomas

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Urgences 24/7 : 1-866-283-2333

From: CNUE / NEEC (EC)

Sent: November 17, 2018 6:41 PM

To: Taylor, Mary (EC)

Cc: 'osr@cnlopb.nl.ca'; pollutionreports@gov.nl.ca; Corkum, Jeffrey (EC); CSSPClosure; Donaldson, Garry (EC); ec.dalf-atl-wed-atl.ec@canada.ca; EC.F WPM-ATL [Atlantic Region] F.EC; EC.O COMM REGIONS ATL_QC / COMM ATL_QC O.EC; EnforcementDuty (EC); Friesen, York (EC); Gjerdrum, Carina (EC); Gordon, Heather (EC); Mercer, Geoff (EC); Robichaud, Robert (EC); Ronconi, Robert (EC); SQEM Atlantique / MWQM Atlantic (EC); Whittam, Becky (EC); Wilhelm, Sabina (EC); Worthman, Glenn (EC); EC.F MINO ALL F.EC; EC.F NEEC_EC_Partners F.EC; EC.F NEEC_EC_Senior_Mgmt F.EC; EC.F PUE / EEP F.EC; CANUTEC (CANUTEC@tc.gc.ca); DEOC, COUM (NRCan/RNCan); Dominique Blanchard; GOC / COG (PS/SP); HPOC-COPS, PHAC-ASPC (PHAC/ASPC); Janice Pillon; josee.lamoureux@tc.gc.ca; Leger, Serge (EC); louis.armstrong@tc.gc.ca; EARMAtl / MARTAtl (EC); EARMCen / MARTCen (EC); PNSACEN, NASPCEN (Ext.); PNSAPAC, NASPPAC (Ext.); Ext-PCH, NCC-CCN (Ext.); Gestion des urgences-bureau régional Québec / Emergency Management-Quebec Regional Office (PS/SP); Santé Canada - Emergency (cepru@hc-sc.gc.ca); Transport Canada (sitcen@tc.gc.ca)

Subject: Update 1: Oil slick from Searose Floating Production Storage and Offloading Vessel (FPSO) at White Rose Oil field, NL

NEEC Update 1: November 17, 2018

- Overflights did not observe any new oil at drill location or around the SeaRose Floation, Production Storage and Offloading vessel. Production is currently shut down.
- The slick was located a few kilometres south of the tracker buoy. The slick was visible as long wind rows and spread out over 21 km by 8 km (168 km²) with 35% coverage (95 % Tar code A and 5% Tar Code B). No fresh oil was observed.
- The total volume is now estimated at 2,445 litres.
- The sea state of 5-8 metres with winds of 40-50 knots, continues to hamper any efforts for containment and recovery of the spill.
- A remotely operated underwater vehicle or ROV will be deployed to determine location of the leak once weather conditions improve. The support vessel (Skandi Vinland) has deployed on site to complete the survey.
- The responsible party, Husky Energy, has activated onshore staff and contractors. They will be using a Single Vessel Side Sweep booming system to contain the spill once the weather permits.
- The resolution on the ISTOP image was not adequate to observe the slick
- Some gulls have been reported in the area but not in large numbers, likely due to the weather conditions.
- ECCC has provided scientific advice and an assessment of birds in the area. ECCC will continue to provide trajectory models twice daily to follow the location of slick.
- Another overflight is scheduled for tomorrow

From: CNUE / NEEC (EC)

Sent: November 16, 2018 6:06 PM

To: Taylor, Mary (EC); Corkum, Jeffrey (EC); CSSPClosure; Donaldson, Garry (EC); ec.dalf-atl-wed-atl.ec@canada.ca; EC.F WPM-ATL [Atlantic Region] F.EC; EC.O COMM REGIONS ATL_QC / COMM ATL_QC O.EC; EnforcementDuty (EC); Friesen, York (EC); Gjerdrum, Carina (EC); Gordon, Heather (EC); Mercer, Geoff (EC); Robichaud, Robert

(EC); Ronconi, Robert (EC); SQEM Atlantique / MWQM Atlantic (EC); Whittam, Becky (EC); Wilhelm, Sabina (EC); Worthman, Glenn (EC)
Cc: EC.F MINO ALL F.EC; EC.F NEEC_EC_Partners F.EC; EC.F NEEC_EC_Senior_Mgmt F.EC; EC.F PUE / EEP F.EC
Subject: NEEC Advisory: Oil slick from Searose Floating Production Storage and Offloading Vessel (FPSO) at White Rose Oil field, NL

This is to inform you that the National Environmental Emergencies Centre (NEEC) has been notified today November 16, of an oil slick coming from a pressurized flow line. An overflight reported a slick of approximately 1 mile at around 19:50 UTC. The volume of the release is being assessed. Given unfavourable weather conditions, containment and cleanup is not possible at this time. Tracking and monitoring of the slick is being conducted using tracker buoys as well as trajectory modelling.

Husky Energy has been identified as the Responsible Party.

Canada-Newfoundland Offshore Petroleum Board has been identified as the Lead Agency.

NEEC has received a request for

- Spill trajectory modelling
- Advice on migratory birds

Steps Taken by NEEC:

- NEEC has assessed the situation
- NEEC has informed the following ECCC divisions: Marine Water Quality Monitoring Program and Canadian Wildlife Service
- Regional Environmental and Wildlife Enforcement Directorates have been advised
- NEEC has informed the following Federal partner: Fisheries and Oceans Canada
- NEEC has informed Service Newfoundland

Moving Forward:

- NEEC will continue to monitor the situation
- Regional Environmental Enforcement Directorate and Wildlife Enforcement Directorate will be advised
- NEEC has made a request for RADARSAT imagery

This advisory is based on preliminary information.

**** Please do not reply to this message. If you need to contact NEEC for urgent operational matters concerning this incident, please do so using the Emergencies Line at 1-866-283-2333.****

Lisa Tulen, M.Sc.

Agente, Préparation et intervention – Centre, Prairies et Nord
Centre National des Urgences Environnementales (CNUE)
Direction des activités de protection de l'environnement
Environnement et Changement climatique Canada / Gouvernement du Canada
lisa.tulen@canada.ca / Tél: 514-496-4036 / Cell: [REDACTED] / Urgences 24/7: 1-866-283-2333

Lisa Tulen, M.Sc.

Officer, Preparedness and Response – Central, Prairies and North
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Dumoulin, Isabelle

From: Miller, Anne
Sent: November 22, 2018 1:19 PM
To: Brooks, Robert
Subject: RE: Searose/Husky

Follow Up Flag: Flag for follow up
Flag Status: Completed

Are you free now? Myself and david are here in my office...my cell is

Anne Miller

Regional Director, Incident Management, Atlantic Region | Directrice Régionale, Gestion des incidents, Région de l'Atlantique
Canadian Coast Guard | Garde côtière canadienne

CCG Atlantic Region, Dartmouth Office | GCC, Région de l'Atlantique, Bureau de Dartmouth
50 Discovery Drive | 50 chemin Discovery
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Dartmouth N.S. | N.-É. B2Y 3Z8

Téléphone | Telephone : 902-426-9022
Cell | Cellulaire :
Email | Courriel : Anne.Miller@dfo-mpo.gc.ca

From: Brooks, Robert
Sent: November-22-18 2:29 PM
To: Miller, Anne
Cc: Mills, Becky; Yard, David C; Dumoulin, Isabelle
Subject: Re: Searose/Husky

Hi

Sorry - yes available anytime - did you want us to set up a con call for 1:15?

Happy if you prefer to set it for timing that works for you.

Will bring a few HQ IM reps in as well

R

Sent from my iPhone

On Nov 22, 2018, at 12:16 PM, Miller, Anne <Anne.Miller@dfo-mpo.gc.ca> wrote:

Are you available for a call now? If not what time is good for you?

Anne Miller

Regional Director, Incident Management, Atlantic Region | Directrice Régionale, Gestion des incidents, Région de l'Atlantique
Canadian Coast Guard | Garde côtière canadienne

CCG Atlantic Region, Dartmouth Office | GCC, Région de l'Atlantique, Bureau de Dartmouth
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Téléphone | Telephone : 902-426-9022
Cell | Cellulaire : [REDACTED]
Email | Courriel : Anne.Miller@dfo-mpo.gc.ca

From: Mills, Becky
Sent: November-22-18 1:38 PM
To: Miller, Anne
Subject: FW: Searose/Husky

Hey Anne – please see below and advise.

Becky Mills

Administrative Officer, Incident Management | agente administrative, Gestion des incidents
Canadian Coast Guard | Garde côtière canadienne
Department of Fisheries and Oceans | Ministère des Pêches et des océans

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Email / courriel: Becky.Mills@dfo-mpo.gc.ca
Tel / Tél: (902) 426-7852
Fax / Téléc: (902) 426-4828

From: Dumoulin, Isabelle
Sent: November-22-18 12:10 PM
To: Mills, Becky
Subject: Searose/Husky

Good morning Becky,

Robert Brooks was wondering, following his call with IM RD's, if Anne was planning on having a call on the Searose/Husky situation to update us on the situation. Please advise.

Thank you and have a great day,
Isabelle

Isabelle Dumoulin

Administrative assistant, Incident Management /
Adjointe administrative, Gestion des incidents
Canadian Coast Guard | Garde côtière canadienne
Fisheries and Oceans Canada | Pêches et Océans Canada
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Isabelle.Dumoulin@dfo-mpo.gc.ca

Pilgrim, Bret

From: Ronconi, Robert (EC) <robert.ronconi@canada.ca>
Sent: November-23-18 5:05 PM
To: Steve Bettles; Thomas, Graham (EC); 'JOkeefe@cnlopbc.ca'; 'KTaylor@cnlopbc.ca'; 'Young, Elizabeth'; 'Burley, Dave'; 'Offshore_Spill_Response'; CNUE / NEEC (EC); Wilhelm, Sabina (EC); Whittam, Becky (EC); Matheson, Kyle; Pilgrim, Bret; Paul Hounsell
Subject: information request regarding seabird surveys
Attachments: SkandiVinland SeabirdObservations_rev DAF comments.xlsx

Hi Steve and Paul,

In response to the questions raised at this morning's wildlife meeting, here are some details on required updates to the seabird surveys and monitoring plan.

1) Conditions for aerial surveys.

Time: Survey should be planned when conditions and alternate landing locations allow for 1-2 hours survey time over the affected area.

Routing: aim to complete a single pass of transects which goes through each of the 5x5nm survey blocks

Altitude: ideal altitude for survey between 300-500', as determined by safety requirements under given weather conditions and under discretion of wildlife observer

Minimum requirements: Winds < 21 knots, Beaufort SeaState 4 or less (Moderate waves with more pronounced form; many white caps), visibility 500m, patchy precipitation or fog

Ideal conditions are: Winds <16 knots, Beaufort SeaState 3 or less (Small waves, becoming longer; fairly frequent white caps), visibility > 1000m, no precipitation or fog

With the above considerations, we would want to start a survey under ideal conditions, and would complete a survey until conditions exceed minimum requirements. We would not intend to start a survey if minimum conditions exist but are forecast to deteriorate.

Please note: after the survey CWS will require from PAL the tracked route (GPS coordinates along the flown route) and altitudinal data during the survey.

2) Vessel based survey protocols. The following information should be presented to all observers

a) Stationary surveys.

Currently vessels engaged with stationary surveys are counting birds at instantaneous time intervals (every 1 h or so) but also recording incidental birds observations at times in between (i.e. 2 to 3 minutes after the instantaneous count). During operational activities where dedicated seabird observers are available to conduct stationary surveys, we would like to observers to increase the intensity of the stationary surveys to every 2 minutes, and not record other birds observed after the instantaneous count. Higher frequency of instantaneous counts will be more valuable for density estimates than the incidental sightings recorded between surveys.

b) Moving surveys.

Moving (in transit) surveys will provide more valuable data than stationary counts and should be prioritized over stationary surveys when possible. Currently data are being recorded and provided correctly by all observers. Observers should consider the following in conducting surveys:

- Vessels should be moving minimum 4 knots for stationary surveys. Ideal speed between 8 and 12 knots.
- In addition to survey grid lines, observers may also conduct moving surveys while vessels are in transit between any locations of the study area (as appropriate given vessel speed and daylight hours).
- Snapshot intervals for counting flying birds will vary depending on vessel speed. The following are standard snapshot intervals as outlined in the ECSAS protocols for different vessel speeds: 4 knots = 2.5 minute interval, 4.5-5.5 knots = 2 min, 5.5-8.5 knots = 1.5 min, 8.5-12.5 knots = 1 min, > 12.5 knots = 0.5 min.

s.24(1)

- Start and end coordinates should be provided with all 5-minute watches. If watches are continuous, we will assume the start location of one watch = end location of previous watch. Otherwise end locations should be recorded when a series of watches are finished.
- There are no absolutely guidelines for weather conditions that will impede surveys. Surveys can be conducted with reduced visibility (rain, patchy fog, heavy seas) so long as weather conditions are recorded in the datasheets. Observers should use own discretion to cease surveys when poor conditions are impeding data collection (e.g. heavy rain or snow, constant spray on observation windows).

3) Specific questions for observer Tony Lang on the Skindi Vindland. These are from our data analysts who have been reviewing the incoming data and should be forwarded to Tony Lang along with the attachment.

I have read Tony's data description (at end of this email chain) regarding interpretation of the data - thanks to Tony for providing that.

There are still a few things that I'm confused about: (see attached file)

1. There are several observations in the file during stationary surveys where I am not sure whether the observation occurred during the instantaneous counts or not - these are highlighted in yellow.

Specifically:

- line 27: does this flying murre belong to the instantaneous count at 8:05?

- line 43: this flying murre is marked as in-transect. However it is not marked as being in an instantaneous transect count. Please clarify.

- lines 88 and 89: 1 DOVE and 1 TBMU on the water marked as in-transect. Did these occur during instantaneous count? If not they should not be marked as in-transect. To clarify: during stationary surveys THE ONLY birds that should be marked with a "Y" in the in-transect column are those that occur during the instantaneous counts. This includes both birds on the water and those flying.

2. There are several cells with illegal values. These are highlighted in red. Please clarify.

Thanks
Rob

Rob Ronconi

Wildlife Biologist, Canadian Wildlife Service
Environment and Climate Change Canada / Government of Canada
robert.ronconi@canada.ca / Tel: 902-426-6405

Biologiste de la faune, Service canadien de la faune
Environnement et Changement climatique Canada / Gouvernement du Canada
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Page 862

**is withheld pursuant to section
est retenue en vertu de l'article**

24(1)

**of the Access to Information Act
de la Loi sur l'accès à l'information**

**Pages 863 to / à 867
are withheld pursuant to section
sont retenues en vertu de l'article**

24(1)

**of the Access to Information Act
de la Loi sur l'accès à l'information**

Pilgrim, Bret

From: Hollebone, Bruce (EC) <bruce.hollebone@canada.ca>
Sent: November-23-18 4:52 PM
To: Thomas, Graham (EC); Kelly, Jason; Pilgrim, Bret; Matheson, Kyle; Ronconi, Robert (EC); Wilhelm, Sabina (EC); Whittam, Becky (EC); EC.O Agents de service SUST / ESTS Duty Officers O.EC; 'Locke, Robert C (rlocke@gov.nl.ca)'; Haring, Peter (Ext.)
Cc: CNUE / NEEC (EC); 'osr@cnlopb.nl.ca'; Burley, Dave; Young, Elizabeth
Subject: RE: water sampling plan

Graham,

Any input from them on:

- 1) Target analytes?
- 2) Detection limits?
- 3) Lab & what certification regime they're using?

Doing this wrong can mean the whole thing is of very little value.

Kind Regards,

Dr. Bruce Hollebone, ECCC, Tel: 613-991-4568

From: Thomas, Graham (EC)
Sent: November 23, 2018 2:49 PM
To: Jason Kelly (jason.kelly@dfo-mpo.gc.ca) <jason.kelly@dfo-mpo.gc.ca>; Bret.Pilgrim@dfo-mpo.gc.ca; 'kyle.matheson@dfo-mpo.gc.ca' <kyle.matheson@dfo-mpo.gc.ca>; Ronconi, Robert (EC) <robert.ronconi@canada.ca>; Wilhelm, Sabina (EC) <sabina.wilhelm@canada.ca>; Whittam, Becky (EC) <becky.whittam@canada.ca>; EC.O Agents de service SUST / ESTS Duty Officers O.EC <ESTSDutyOfficers@ec.gc.ca>; 'Locke, Robert C (rlocke@gov.nl.ca)' <rlocke@gov.nl.ca>; Haring, Peter (Ext.) <pharing@gov.nl.ca>
Cc: CNUE / NEEC (EC) <ec.cnue-need.ec@canada.ca>; 'osr@cnlopb.nl.ca' <osr@cnlopb.nl.ca>; Burley, Dave <DBurley@cnlopb.ca>; Young, Elizabeth <EYoung@cnlopb.ca>
Subject: FW: water sampling plan

Hello folks, please have a look at the attached proposed plan and provide your comments ASAP. I fully understand today is Friday but the plan is for sampling to start next week, the sooner any issues are identified the better.

Graham Thomas

Senior Officer, Preparedness and Response – Atlantic
 National Environmental Emergencies Centre (NEEC) - Mount Pearl Office
 Environmental Protection Operations Directorate
 Environment and Climate Change Canada / Government of Canada
graham.thomas@canada.ca / Tel: 709-772-4285 / Cell : [REDACTED] Emergencies 24/7 : 1-866-283-2333

Agent principal, Préparation et intervention – Atlantique
 Centre national des urgences environnementales (CNUE) - Bureau de Mount Pearl
 Direction des activités de protection de l'environnement

Environnement et Changement climatique Canada / Gouvernement du Canada

graham.thomas@canada.ca / Tél. : 709-772-4285 / Cell : [REDACTED] / Urgences 24/7 : 1-866-
283-2333

From: Young, Elizabeth [<mailto:EYoung@cnlopb.ca>]

Sent: November 23, 2018 2:07 PM

To: Thomas, Graham (EC)

Cc: Burley, Dave

Subject: FW: water sampling plan

Good Afternoon Graham,

As we discussed this afternoon, the following Water Sampling Plan has been provided by Husky Energy.

Regards

Elizabeth

Page 870

**is withheld pursuant to sections
est retenue en vertu des articles**

19(1), 24(1)

**of the Access to Information Act
de la Loi sur l'accès à l'information**

Pilgrim, Bret

From: Thomas, Graham (EC) <graham.thomas@canada.ca>
Sent: November-23-18 2:29 PM
To: Kelly, Jason; Matheson, Kyle; Pilgrim, Bret; Ronconi, Robert (EC); Wilhelm, Sabina (EC); Whittam, Becky (EC); EC.O Agents de service SUST / ESTS Duty Officers O.EC
Subject: Possible draft water quality monitoring plan for White Rose incident

I just spoke with C-NLOPB they indicated Husky Energy may be submitting a draft water quality plan today for review. This is an headup. Scope of and content are not known right now.

Graham Thomas

Senior Officer, Preparedness and Response – Atlantic
National Environmental Emergencies Centre (NEEC) - Mount Pearl Office
Environmental Protection Operations Directorate
Environment and Climate Change Canada / Government of Canada
graham.thomas@canada.ca / Tel: 709-772-4285 / Cell : [REDACTED] / **Emergencies 24/7 : 1-866-283-2333**

Agent principal, Préparation et intervention – Atlantique
Centre national des urgences environnementales (CNUE) - Bureau de Mount Pearl
Direction des activités de protection de l'environnement
Environnement et Changement climatique Canada / Gouvernement du Canada
graham.thomas@canada.ca / Tél. : 709-772-4285 / Cell : [REDACTED] **Urgences 24/7 : 1-866-283-2333**

Kelly, Jason

From: Kelly, Jason
Sent: November-24-18 8:58 AM
To: Matheson, Kyle; Clarke, Keith
Cc: Pilgrim, Bret
Subject: Fw: water sampling plan
Attachments: [REDACTED]

Any comments???

Sent from my BlackBerry 10 smartphone on the Bell network.

From: Thomas, Graham (EC) <graham.thomas@canada.ca>
Sent: Friday, November 23, 2018 4:20 PM
To: Kelly, Jason; Pilgrim, Bret; Matheson, Kyle; Ronconi, Robert (EC); Wilhelm, Sabina (EC); Whittam, Becky (EC); EC.O Agents de service SUST / ESTS Duty Officers O.EC; 'Locke, Robert C (rlocke@gov.nl.ca)'; Haring, Peter (Ext.)
Cc: CNUE / NEEC (EC); 'osr@cnlopb.nl.ca'; Burley, Dave; Young, Elizabeth
Subject: FW: water sampling plan

Hello folks, please have a look at the attached proposed plan and provide your comments ASAP. I fully understand today is Friday but the plan is for sampling to start next week, the sooner any issues are identified the better.

Graham Thomas

Senior Officer, Preparedness and Response – Atlantic
National Environmental Emergencies Centre (NEEC) - Mount Pearl Office
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graham.thomas@canada.ca / Tel: 709-772-4285 / Cell : [REDACTED] / **Emergencies 24/7 : 1-866-283-2333**

Agent principal, Préparation et intervention – Atlantique
Centre national des urgences environnementales (CNUE) - Bureau de Mount Pearl
Direction des activités de protection de l'environnement
Environnement et Changement climatique Canada / Gouvernement du Canada
graham.thomas@canada.ca / Tél. : 709-772-4285 / Cell : [REDACTED] / **Urgences 24/7 : 1-866-283-2333**

From: Young, Elizabeth [<mailto:EYoung@cnlopb.ca>]
Sent: November 23, 2018 2:07 PM
To: Thomas, Graham (EC)
Cc: Burley, Dave
Subject: FW: water sampling plan

Good Afternoon Graham,
As we discussed this afternoon, the following Water Sampling Plan has been provided by Husky Energy.
Regards
Elizabeth

Page 873

**is withheld pursuant to sections
est retenue en vertu des articles**

19(1), 24(1)

**of the Access to Information Act
de la Loi sur l'accès à l'information**

**Pages 874 to / à 875
are withheld pursuant to section
sont retenues en vertu de l'article**

24(1)

**of the Access to Information Act
de la Loi sur l'accès à l'information**

Page 876

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est retenue en vertu des articles**

24(1), 19(1)

**of the Access to Information Act
de la Loi sur l'accès à l'information**

**Pages 877 to / à 878
are withheld pursuant to section
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24(1)

**of the Access to Information Act
de la Loi sur l'accès à l'information**

**Pages 879 to / à 885
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20(1)(b), 24(1)

**of the Access to Information Act
de la Loi sur l'accès à l'information**

**Pages 886 to / à 892
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20(1)(b), 19(1), 24(1)

**of the Access to Information Act
de la Loi sur l'accès à l'information**

**Pages 893 to / à 914
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24(1)

**of the Access to Information Act
de la Loi sur l'accès à l'information**

**Pages 915 to / à 916
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19(1), 24(1)

**of the Access to Information Act
de la Loi sur l'accès à l'information**

**Pages 917 to / à 921
are withheld pursuant to section
sont retenues en vertu de l'article**

24(1)

**of the Access to Information Act
de la Loi sur l'accès à l'information**

Hurley, Mike

From: Coffin, David
Sent: November-23-18 1:19 PM
To: Hurley, Mike; Henri, Martin; Diamond, Julie
Cc: Walsh, Ray; Rumbolt, Annette; Kavanagh-Penney, Amy; Pilgrim, Bret
Subject: FW: Searose Incident
Attachments: 20181120_0800 Detailed Overview Map.pdf

The only offshore GF activity I see in VMS is OCI and they have vessels in 3N, nowhere near the facility.

Martin any shellfish activity?

Mike any other offshore activity I've missed? Any vessels in the NRA that might be in this area?

From: Kavanagh-Penney, Amy
Sent: November-23-18 12:11 PM
To: Pilgrim, Bret; Coffin, David
Cc: Walsh, Jerry; Bungay, Kerry
Subject: FW: Searose Incident

Hi Bret,

I'm going to send this on to Dave Coffin in RM, he will have a look to see what Canadian fisheries might be active in this area. Dave will touch base with Mike Hurley to see what activity from NAFO might be in the area.

Amy Kavanagh-Penney

amy.kavanagh-penney@dfo-mpo.gc.ca

International Unit-Sr. Program Compliance Officer
Conservation and Protection Branch
Fisheries & Oceans Canada
P.O. Box 5667 St. John's, NL A1C 5X1
Tel: (709) 772-8831
Cell: [REDACTED]

From: Pilgrim, Bret <Bret.Pilgrim@dfo-mpo.gc.ca>
Sent: Friday, November 23, 2018 12:03 PM
To: Bungay, Kerry <Kerry.Bungay@dfo-mpo.gc.ca>
Cc: Walsh, Jerry <Jerry.Walsh@dfo-mpo.gc.ca>; Kavanagh-Penney, Amy <Amy.Kavanagh-Penney@dfo-mpo.gc.ca>
Subject: Searose Incident

Hey Kerry,

[REDACTED] But I'll send this email to you anyway and have CC'ed Jerry as your listed alternate and Amy

We are in the process of completing a briefing note on the searose oil spill and we are looking for information on fisheries regularly prosecuted this time of year within the gridded pattern on the attached map. Is this something that you can provide...or at least provide me with a name of who in Fisheries Management that can provide this info.

Thanks

Bret Pilgrim

A/Sr. Biologist - Mining Regulatory Review
Fisheries Protection Program | Programme de protection des pêches
Ecosystems Management | Gestion des écosystèmes
Fisheries and Oceans Canada | Pêches et Océans Canada
Northwest Atlantic Fisheries Centre |
Centre des Pêches de l'Atlantique Nord-Ouest
80 East White Hills Road | 80, route White Hills est
PO Box 5667 | CP 5667
St John's NL A1C 5X1 Canada
Tel. 709-772-6562

Page 924

**is withheld pursuant to section
est retenue en vertu de l'article**

24(1)

**of the Access to Information Act
de la Loi sur l'accès à l'information**

Hurley, Mike

From: Henri, Martin
Sent: November-23-18 1:36 PM
To: Coffin, David; Hurley, Mike; Diamond, Julie
Cc: Walsh, Ray; Rumbolt, Annette; Kavanagh-Penney, Amy; Pilgrim, Bret
Subject: RE: Searose Incident

Currently there is no shellfish activity in that area.

From: Coffin, David <David.Coffin@dfo-mpo.gc.ca>
Sent: November 23, 2018 1:19 PM
To: Hurley, Mike <Mike.Hurley@dfo-mpo.gc.ca>; Henri, Martin <Martin.Henri@dfo-mpo.gc.ca>; Diamond, Julie <Julie.Diamond@dfo-mpo.gc.ca>
Cc: Walsh, Ray <Ray.Walsh@dfo-mpo.gc.ca>; Rumbolt, Annette <Annette.Rumbolt@dfo-mpo.gc.ca>; Kavanagh-Penney, Amy <Amy.Kavanagh-Penney@dfo-mpo.gc.ca>; Pilgrim, Bret <Bret.Pilgrim@dfo-mpo.gc.ca>
Subject: FW: Searose Incident

The only offshore GF activity I see in VMS is OCI and they have vessels in 3N, nowhere near the facility.

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Mike any other offshore activity I've missed? Any vessels in the NRA that might be in this area?

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To: Pilgrim, Bret; Coffin, David
Cc: Walsh, Jerry; Bungay, Kerry
Subject: FW: Searose Incident

Hi Bret,


I'm going to send this on to Dave Coffin in RM, he will have a look to see what Canadian fisheries might be active in this area. Dave will touch base with Mike Hurley to see what activity from NAFO might be in the area.

Amy Kavanagh-Penney

amy.kavanagh-penney@dfo-mpo.gc.ca
 International Unit-Sr. Program Compliance Officer
 Conservation and Protection Branch
 Fisheries & Oceans Canada
 P.O. Box 5667 St. John's, NL A1C 5X1
 Tel: (709) 772-8831
 Cell: ()

From: Pilgrim, Bret <Bret.Pilgrim@dfo-mpo.gc.ca>
Sent: Friday, November 23, 2018 12:03 PM
To: Bungay, Kerry <Kerry.Bungay@dfo-mpo.gc.ca>
Cc: Walsh, Jerry <Jerry.Walsh@dfo-mpo.gc.ca>; Kavanagh-Penney, Amy <Amy.Kavanagh-Penney@dfo-mpo.gc.ca>
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 But I'll send this email to you anyway and have CC'ed Jerry as your listed alternate and Amy

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Thanks

Bret Pilgrim

A/Sr. Biologist – Mining Regulatory Review
Fisheries Protection Program | Programme de protection des pêches
Ecosystems Management | Gestion des écosystèmes
Fisheries and Oceans Canada | Pêches et Océans Canada
Northwest Atlantic Fisheries Centre |
Centre des Pêches de l'Atlantique Nord-Ouest
80 East White Hills Road | 80, route White Hills est
PO Box 5667 | CP 5667
St. John's NL A1C 5X1 Canada
Tel. 709-772-6562

LeBlanc, Brian (Acting AC, Atlantic Region)

From: Miller, Anne
Sent: November 23, 2018 2:18 PM
To: LeBlanc, Brian (Acting AC, Atlantic Region); Brooks, Robert; Gascon, Julie; Boriel, Michele; Spurrell, Wade; NCC / CCN (DFO/MPO)
Cc: Yard, David C
Subject: Atlantic Region- Ongoing Response Operations for Weekend - Incident Management

FYI Only..

Following is update going into the weekend and we will be using the concept of area command to manage the ongoing incidents.

D. Yard Superintendent ER - Overall area command

K. Laidlaw - IC Corporal McClaren
L. Crann - IC Sea Rose Incident
J. Parnham - IC Beverley Gaie
A. English - IC Arch's Pride

Incident: Corporal McLaren Submerged

Assigned Personnel:

- ICP status remains stood up with 15 CCG personnel on site.

Current Status:

- RMI is waiting for high tide to ensure the patches and plugs are effective.
- All doors and hatches inside the vessel are being opened and tied back so water is common throughout the ship.
- A crane is on site to assist in repairs to the slipway and to inspect the marine railway.
- 6 inch hoses are in position and ready for pumping to take place once salvage plan is reviewed.
- Currently waiting on Allswater to develop salvage plan.

Next Steps (weekend):

- Once salvage plan is reviewed the vessel will be dewatered.
- The vessel will be refloated and escorted by CCGS Sambro to the Government wharf.

Sea Rose FPSO Offshore Incident

- To date 18 oiled marine birds have been identified, 10 have not been captured, 4 live oiled birds have been brought to St. John's, NL for rehabilitation. 4 dead oiled birds have also been transported to St. John's, NL to be turned over to ECCC-Wildlife Enforcement Directorate.
- Wildlife surveys continue to gather data on possible impacts using six vessels.
- As a precautionary approach, ECCC-CWS will initiate beached bird surveys to detect and monitor for potential oiled birds deposited on shoreline areas.
- ECCC CWS has been working with the Wildlife and Landscape Science Directorate of ECCC Science and Technology Branch to assess and process incoming wildlife observation data for use as part of impact assessment on marine birds.
- ROV surveys to inspect subsea assets, which Husky commenced on November 19, are continuing and they are planning for repairs.
- Oil remaining in flowline that is at risk of being released is 85m³. Husky is in the process of preparing a detailed plan on the procedure for removing and replacing damaged weak link. Also need to satisfy CNLOPB with the response plan should oil be released. The response plan will include, ships (response and dive support), sweep systems, bird/mammal observers and surveillance.
- The C-NLOPB investigation is continuing.
- CCG will remain in contact with the board should we be required to assist with surveillance flights or plan review.

PC Beverley Gaie Summerside Incident

- Vessel remains secured at the wharf in Summerside, NL. CCG ER crew remains on site monitoring the water ingress on the vessel. Approximately 400 gallons of water removed from vessel today.
- Barry Hawkins (SRO), Blain Trainor and Mark Forsey will be relieved on Saturday by Jon Parnham (SRO) and Roma Barron to continue monitoring the vessel.
- Quotes regarding towing arrangements are being assessed and forwarded for Urgent Contracting requirement.
- When a contractor has been secured the vessel will be towed to Port Saunders and taken out of the water for disposal at the marine lift.
- CCG continues working with contractors to develop a plan to have vessel towed, removed from the water, and deconstructed to eliminate threat of pollution.

FV Arch's Pride Bonavista Incident

s.16(2)

s.19(1)

s.21(1)(b)

- Vessel sunk at the dock in the harbor at Bonavista NL no official report.
- [REDACTED]
- CCG will assume command and control of the incident
- Bruce English (SRO), Jim Williams and Patrick Spurrell
- [REDACTED]

Anne Miller

Regional Director, Incident Management, Atlantic Region | Directrice Régionale, Gestion des incidents, Région de l'Atlantique

Canadian Coast Guard | Garde côtière canadienne

CCG Atlantic Region, Dartmouth Office | GCC, Région de l'Atlantique, Bureau de Dartmouth

50 Discovery Drive | 50 chemin Discovery

PO Box 1000 | CP 1000

Dartmouth N.S. | N.-É. B2Y 3Z8

Téléphone | Telephone : 902-426-9022

Cell | Cellulaire : [REDACTED]

Email | Courriel : Anne.Miller@dfo-mpo.gc.ca

Fennelly, Stephanie

From: Yard, David C
Sent: Friday, November 23, 2018 12:06 PM
To: Miller, Anne
Subject: Atlantic Region- Weekend Operations

Hi Anne

Attached is update going into the weekend and we will be using the concept of area command to manage the ongoing incidents.

D. Yard Superintendent ER - Overall area command

K. Laidlaw - IC Corporal McClaren
L. Crann - IC Sea Rose Incident
J. Parnham - IC Beverley Gaie
A. English - IC Arch's Pride

Atlantic South Incident Updates

Incident: Corporal McLaren Submerged

Assigned Personnel:

- ICP status remains stood up with 15 CCG personnel on site.

Current Status:

- RMI is waiting for high tide to ensure the patches and plugs are effective.
- All doors and hatches inside the vessel are being opened and tied back so water is common throughout the ship.
- A crane is on site to assist in repairs to the slipway and to inspect the marine railway.
- 6 inch hoses are in position and ready for pumping to take place once salvage plan is reviewed.
- Currently waiting on Allswater to develop salvage plan.

Next Steps (weekend):

- Once salvage plan is reviewed the vessel will be dewatered.
- The vessel will be refloated and escorted by CCGS Sambro to the Government wharf.

Atlantic North Incident Updates

Sea Rose FPSO Offshore Incident

- To date 18 oiled marine birds have been identified, 10 have not been captured, 4 live oiled birds have been brought to St. John's, NL for rehabilitation. 4 dead oiled birds have also been transported to St. John's, NL to be turned over to ECCC-Wildlife Enforcement Directorate.
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- As a precautionary approach, ECCC-CWS will initiate beached bird surveys to detect and monitor for potential oiled birds deposited on shoreline areas.
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- Vessel sunk at the dock in the harbor at Bonavista NL no official report.
- [REDACTED]
- CCG will assume command and control of the incident
- Bruce English (SRO), Jim Williams and Patrick Spurrell
- [REDACTED]

s.19(1)

s.21(1)(b)

From: Davidson, Fraser
To: Norman, Leslie
Subject: RE: Latest presentation
Date: Friday, November 23, 2018 5:02:00 PM

Perfect

We won't run the husky oil spill scenario as we had other priorities to work on (i.e. our OPP west coast presentation for Tuesday)

Fraser

Fraser JM Davidson

Research Scientist, Physical Oceanography
Oceanography Section

Fraser JM Davidson

Chercheur, Oceanographie Physique
Section Oceanographie

DFO-NAFC, 80 East White hills Rd.

P.O. Box 5667, St. John's, NL. A1C 5X1

Tel: **709-772-2418** Fax: 709-772-5315 Fraser.Davidson@dfo-mpo.gc.ca

From: Norman, Leslie
Sent: Friday, November 23, 2018 5:02 PM
To: Davidson, Fraser <Fraser.Davidson@dfo-mpo.gc.ca>
Subject: RE: Latest presentation

Thanks. I'll save it on my OPP drive for Monday.

From: Davidson, Fraser
Sent: Friday, November 23, 2018 4:40 PM
To: Norman, Leslie
Subject: Latest presentation

Hi Leslie
Here is the latest
Fraser

Fraser JM Davidson

Research Scientist, Physical Oceanography
Oceanography Section

Fraser JM Davidson

Chercheur, Oceanographie Physique
Section Oceanographie

DFO-NAFC, 80 East White hills Rd.

P.O. Box 5667, St. John's, NL. A1C 5X1

Tel. **709-772-2418** Fax: 709-772-5315 **Fraser.Davidson@dfo-mpo.gc.ca**

Annibalini, Sara

From: NCC / CCN (DFO/MPO)
Sent: Friday, November 23, 2018 8:05 AM
To: Amelin, Vasilii; Atchison, Chris; Bisaillon, Annie; Brooks, Robert; Dugal, Jean-Luc; Dussault, Sheyla; Gascon, Julie; Harvey, Clifford; Haubert, Marie-Christine; Hill, Johanna; Hutchinson, Jeffery; Ivany, Gary; Lebel, Mathieu; Lipohar, Peter; Lockhart, Tara; Mackenzie, Joey; Main Ops Officer / Agent principal des Ops (DFO/MPO); Montreal Ops / Ops Montréal (DFO/MPO); Morelli, Carolyn; Morphet, Jason (NCR); Moss, Derek; NCC / CCN (DFO/MPO); Olson, Kathleen; Pelchat, Isabelle; Pelletier, Mario; Perry, Nigel; peter.lipohar@forces.gc.ca; Richardson, John; CCG ATL ROC / COR ATL GCC (DFO/MPO); ROC1 / COR1 (DFO/MPO); Ryan, Sam; Sanderson, Marc; Smith, Fiona; Tettamanti, Ryan; Trudeau, Miriam; Western ROC Superintendent \ Surintendant ROC Ouest (DFO/MPO); Wight, Robert; Wyse, David E
Subject: Morning Ops brief
Attachments: Morning Ops Brief - 2018-11-23 RD.pdf; 2018-11-23 RD.docx

Good morning,

Here's the Ops brief for today.

Best regards,

Rachel Duhaime

Operations Support Officer / Agente de soutien opérationnel

National Command Centre (NCC) | Centre de commandement national (CCN)

Canadian Coast Guard | Garde côtière canadienne

200 Kent Street, 7th floor E-310A | 200 rue Kent, 7ème étage E-310A

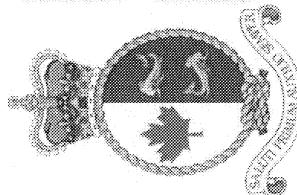
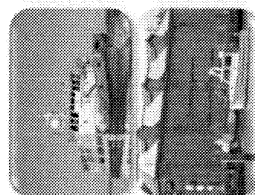
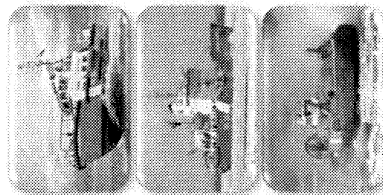
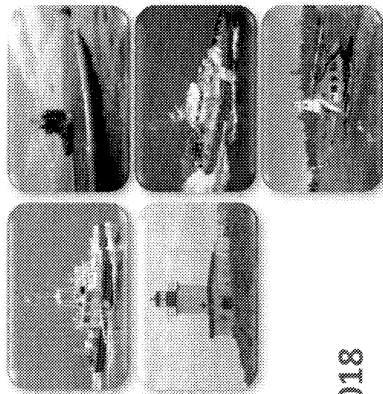
Ottawa, Ontario, K1A 0E6

Tel: (613) 991-3074

Fax: (613) 991-9000

OPERATIONS BRIEFING

SÉANCE D'INFORMATION DES OPÉRATIONS



23 November 2018

23 novembre 2018

**TODAY'S SCHEDULE /
HORAIRE D'AUJOURD'HUI**

#	MEETING / RÉUNION	ATTENDANCE / PERS. REQUIS
1.	MORNING OPS / SÉANCE D'INFO	ALL / TOUS
2.	ROUNDTABLE / TOUR DE TABLE	THOSE REQUIRED / CEUX REQUIS

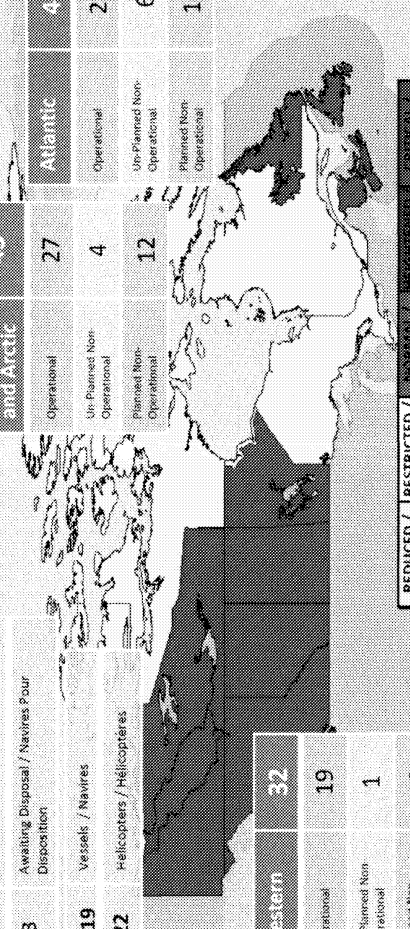
**NATIONAL SECURITY LEVELS /
NIVEAUX DE SÉCURITÉ NATIONALE**

SECURITY SECTION DIVISION DE SÛRETÉ	RESPONSIBLE AGENCY AGENCE RESPONSABLE	LEVEL / NIVEAU
MARINE SECURITY (MARSEC) SÛRETÉ MARITIME (MARSEC)	TRANSPORT CANADA	Medium
FEDERAL FACILITIES SECURITY SÛRETÉ D'ÉDIFICES FÉDÉRAUX	PUBLIC SAFETY - SÉCURITÉ PUBLIQUE CANADA	
NATIONAL TERRORISM THREAT MENACE TERRORISTE NATIONALE	INTEGRATED TERRORISM ASSESSMENT CENTRE / CENTRE D'ÉVALUATION D'INTERPELLE	

**CANADIAN COAST GUARD (CCG) ASSET DISPOSITION
DISPOSITION DES ÉLÉMENTS DE LA GARDE CÔTIÈRE CANADIENNE (CGC)**

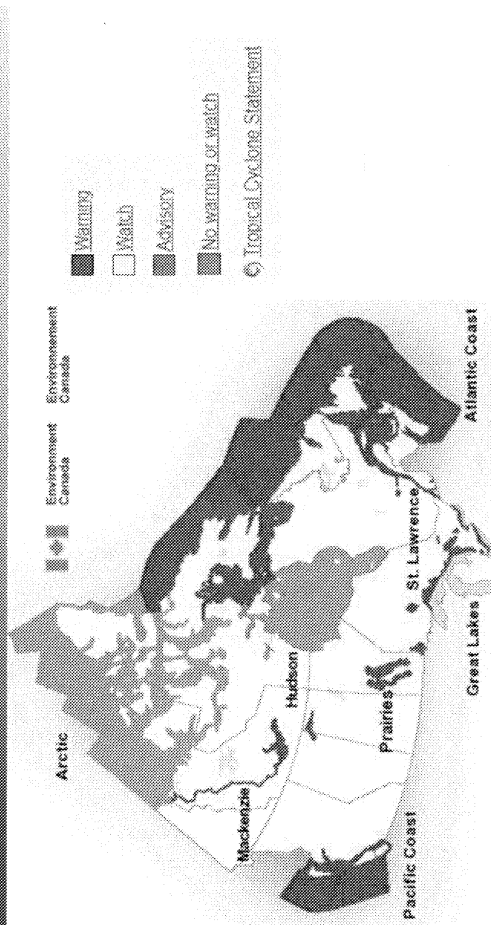
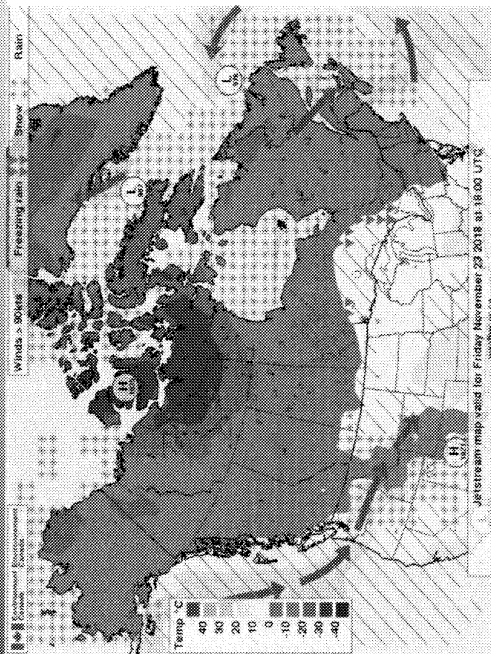
10	Vessels Under Construction / Navires En Construction	Central and Arctic	43	Atlantic	44
3	Awaiting Disposal / Navires Pour Disposition	Operational	27	Operational	28
119	Vessels / Navires	Un-Planned Non-Operational	4	Operational	6
22	Helicopters / Hélicoptères	Planned Non-Operational	12	Un-Planned Non-Operational	10

Western	32
Operational	19
Un-Planned Non-Operational	1
Planned Non-Operational	12



REDUCED / RÉDUITE
RESTRICTED / RESTREINTE
NORMAL / NORMALE
ENHANCED / RENFORCÉ
CRITICAL / CRITIQUE

WEATHER MÉTÉO



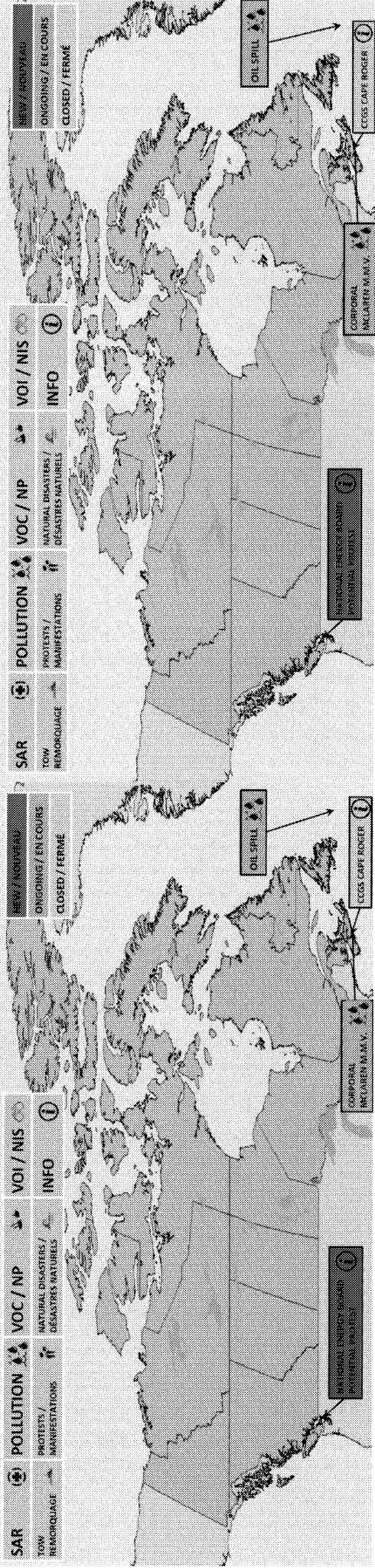
SIGNIFICANT INCIDENTS INCIDENTS SIGNIFICATIFS

SAR	PROTESTS / MANIFESTATIONS	POLLUTION	VOC / NP	NATURAL DISASTERS / DÉSASTRES NATURELS	VOI / NIS
TOW REMORQUAGE	PROTESTS / MANIFESTATIONS	PROTESTS / MANIFESTATIONS	PROTESTS / MANIFESTATIONS	NATURAL DISASTERS / DÉSASTRES NATURELS	VOI / NIS
					INFO

NEW / NOUVEAU	ONGOING / EN COURS	CLOSED / FERMÉ

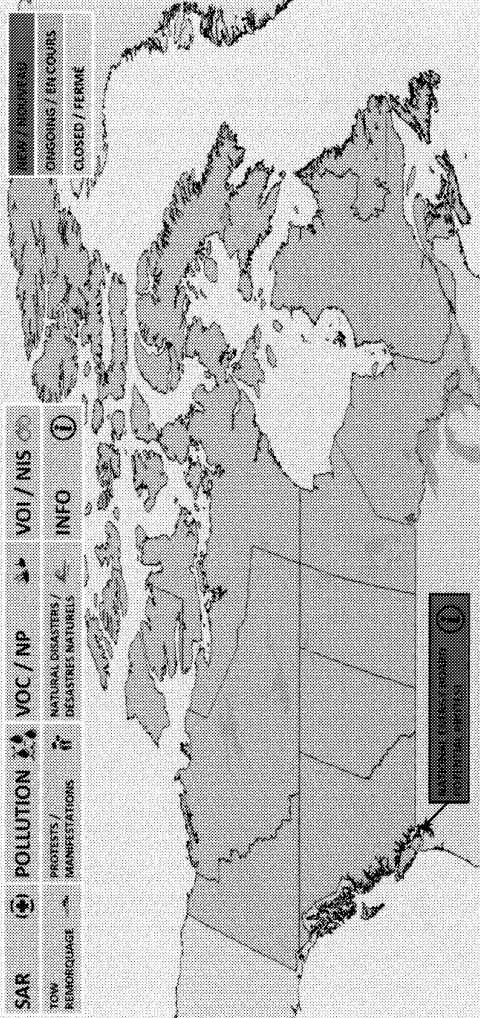
SAR	POLLUTION	VOC / NP	VOI / NIS
TOW REMORQUAGE	PROTESTS / MANIFESTATIONS	NATURAL DISASTERS / DÉSASTRES NATURELS	VOI / NIS
			INFO

NEW / NOUVEAU	ONGOING / EN COURS	CLOSED / FERMÉ

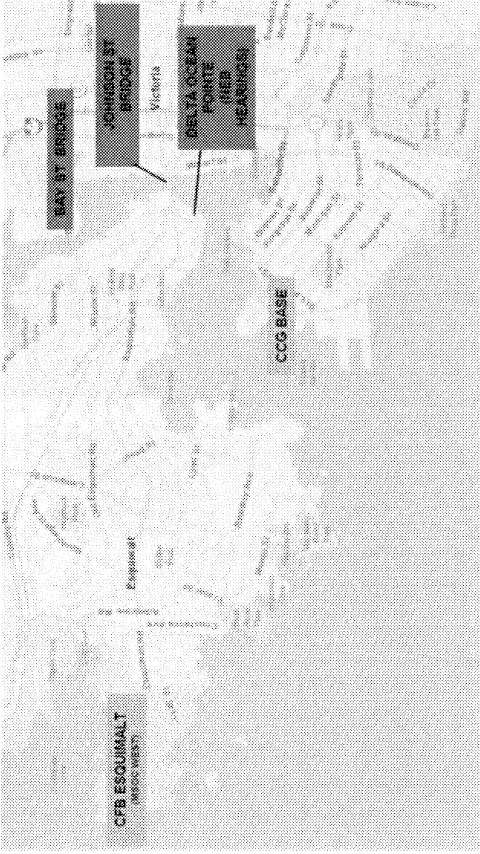


SIGNIFICANT INCIDENTS INCIDENTS SIGNIFICATIFS

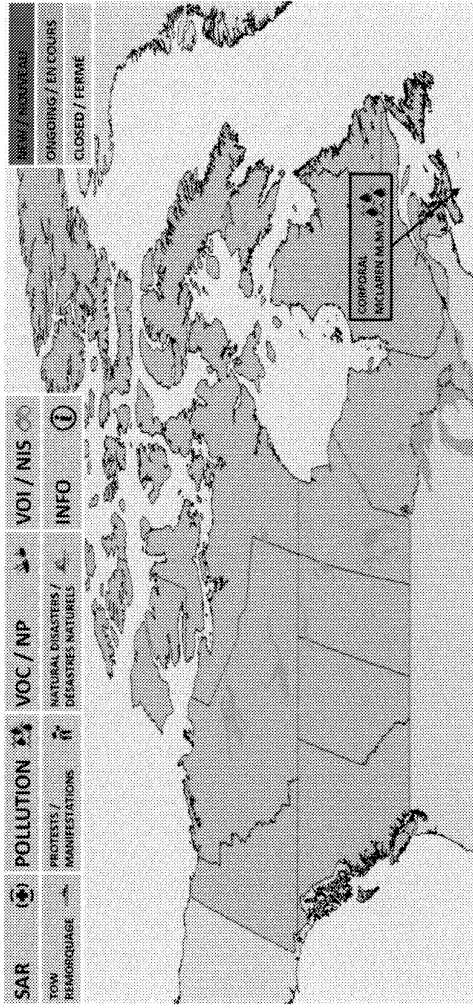
SAR	PROTESTS / MANIFESTATIONS	POLLUTION	VOC / NP	VOI / NIS
TOW REMORQUAGE			NATURAL DISASTERS / DÉSASTRES NATURELS	INFO



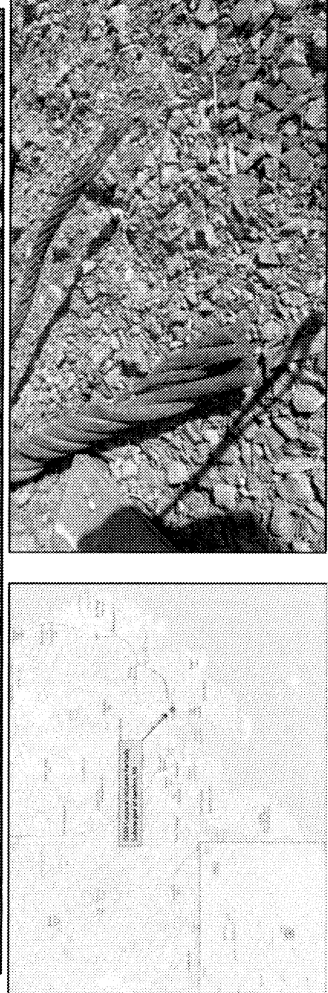
SIGNIFICANT INCIDENTS – Potential Protest INCIDENTS SIGNIFICATIFS – Manifestation potentielle



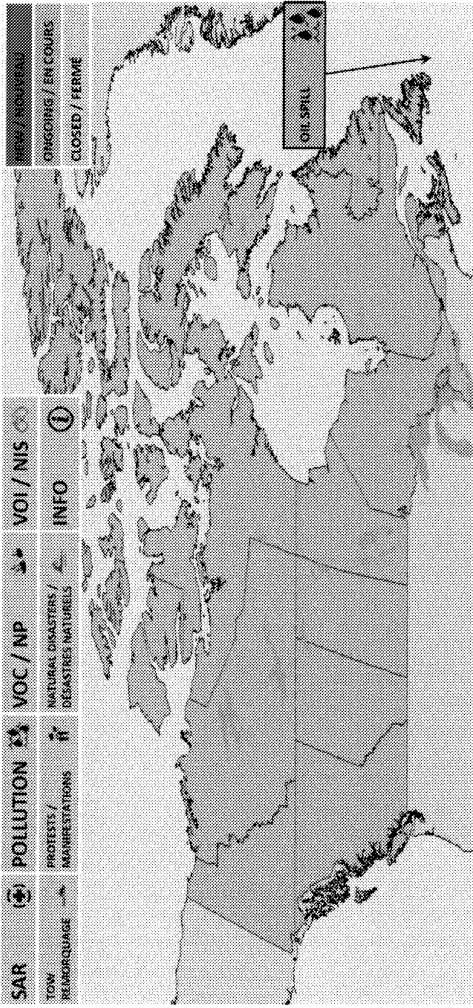
SIGNIFICANT INCIDENTS INCIDENTS SIGNIFICATIFS



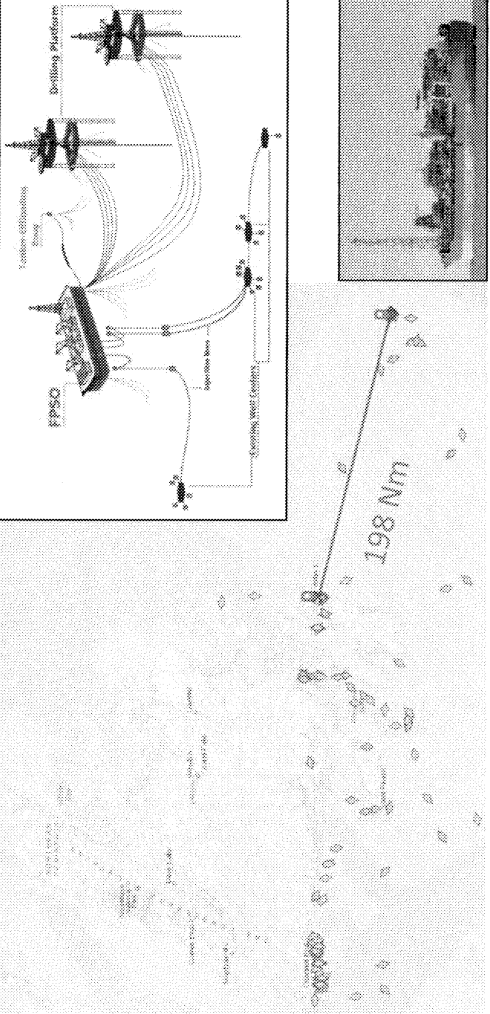
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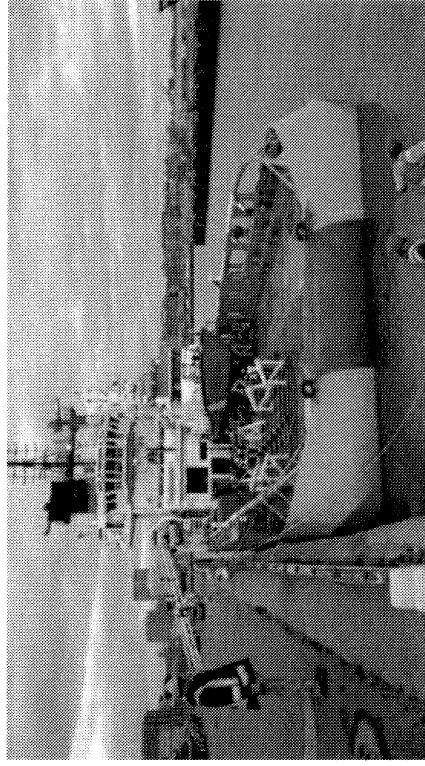
SIGNIFICANT INCIDENTS INCIDENTS SIGNIFICATIFS



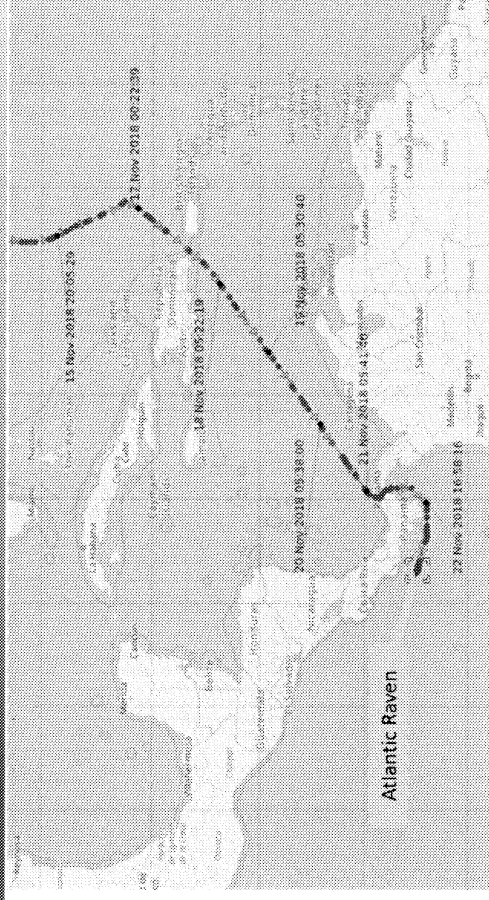
SIGNIFICANT INCIDENTS DETAILS / Crude Oil spill DÉTAILS D'INCIDENTS SIGNIFICATIFS / Déversement de pétrole brut











Atlantic Raven



Atlantic Raven







NON-OPERATIONAL CCG VESSELS – ATLANTIC REGION NAVIRES NON-OPÉRATIONNELS DE LA GCC – RÉGION DE L'ATLANTIQUE									
Vessel / Navire		Details / Détails			Vessel / Navire		Details / Détails		
ID#			DOS / DHS:	Image	ID#		DOS / DHS:	Image	
1	HARP (SAR)	Unplanned maintenance for port clutch issues. No firm timeline since still assessing whether gearbox can be repaired on site or will need to be sent away. Impact: Alternate coverage required for SAR on east coast of Newfoundland.	RTS / RES:		4	GEORGES R. PEARKE (Aton)	DOS / DHS:		Refit delay: installation of the speed crane as well as the installation and training on the new radars and GMDSS. RTS December 1. Impact: Northumberland Strait buoy program will be delayed (originally scheduled to begin November 26).
			Location:				RTS / RES:		
							Location:		
2	SPRAY (SAR)	Refit delay. Extensive corrosion on hull. Impact: Minimal. Vessel is a spare.	DOS / DHS:		5	CYGNUS (NAFO)	DOS / DHS:		Refit delay: The tail shaft needs to be machined. Impact: The NAFO program affected due to only one NAFO vessel being operational.
			RTS / RES:				RTS / RES:		
			Location:				Location:		
3	CAP BRETON (SAR)	Severe ice conditions in harbour. Vessel is currently out of the water, but will be put back in if conditions allow. Station scheduled to close for season Dec 21. Impact: Reduced SAR coverage Gulf of St. Lawrence.	DOS / DHS:		6	CORPORAL TEATHER C.V. (SAR)	DOS / DHS:		Suspected coolant leak.
			RTS / RES:				RTS / RES:		
			Location:				Location:		

NON-OPERATIONAL CCG VESSELS – ATLANTIC REGION NAVIRES NON-OPÉRATIONNELS DE LA GCC – RÉGION DE L'ATLANTIQUE														
ID#	Vessel / Navire	Details / Détails			Image	ID#	Vessel / Navire	Details / Détails			Image			
7	S. DUDKA (C&P)	Accidental discharge of their CO2 canister. RTS today after they recharge the canister.						DOS / DHS:	November 22		DOS / DHS:			
								RTS / RES:	November 23				RTS / RES:	
								Location:	Alberton, PE				Location:	
								DOS / DHS:			DOS / DHS:			
								RTS / RES:					RTS / RES:	
								Location:					Location:	
								DOS / DHS:			DOS / DHS:			
								RTS / RES:					RTS / RES:	
								Location:					Location:	

NON-OPERATIONAL CCG VESSELS – CENTRAL & ARCTIC REGION **NAVIRES NON-OPÉRATIONNELS DE LA GCC – RÉGION DU CENTRE ET DE L'ARCTIQUE**



ID#	Vessel / Navire	Details / Détails			Image	ID#	Vessel / Navire	Details / Détails			Image
1	CONSTABLE CARRIERE	Update: Non-operational due to unplanned maintenance. The emergency generator breaker that has been removed and sent to the CCGS A. Leblanc. They will remain in this status until December 9th, at which point they will demobilize for the winter. Impact: None – no scheduled MSET program.	DOS / DHS: RTS / RES: Location:	October 18 N/A Burlington, ON				DOS / DHS: RTS / RES: Location:			
2	MARTHA L. BLACK (ATON)	Delay in drydock. Impact: Delay to Aids to Navigation decommissioning program for commercial buoys.	DOS / DHS: RTS / RES: Location:	October 17 November 30 Hamilton, ON				DOS / DHS: RTS / RES: Location:			
3	GRIFFON (ATON)	Refit delay - Sea trials scheduled for Nov 23. Impact: Delay to Aids to Navigation decommissioning program.	DOS / DHS: RTS / RES: Location:	October 17 November 23 Les Méchins, QC				DOS / DHS: RTS / RES: Location:			

NON-OPERATIONAL CCG VESSELS – WESTERN REGION NAVIRES NON-OPÉRATIONNELS DE LA GCC – RÉGION DE L'OUEST											
ID#	Vessel / Navire	Details / Détails			Image	ID#	Vessel / Navire	Details / Détails			Image
1	Bartlett	Unplanned maintenance. Impact: TBD	DOS / DHS:		Nov 23			DOS / DHS:			
			RTS / RES:		TBD			RTS / RES:			
			Location:		Victoria, BC			Location:			
			DOS / DHS:					DOS / DHS:			
			RTS / RES:					RTS / RES:			
			Location:					Location:			
			DOS / DHS:					DOS / DHS:			
			RTS / RES:					RTS / RES:			
			Location:					Location:			



CCG HELICOPTER DISPOSITION RÉPARTITION DES HÉLIOPÔTÈRES DE LA GCC												UNPLANNED NON-OPERATIONAL CCG HELICOPTERS HÉLIOPÔTÈRES NON-OPÉRATIONNELS NON-PLANIFIÉS DE LA GCC																			
Western						Central and Arctic						Atlantic						ID #				TYPE		BASE		DETAILS / DETAILS				IMAGE	
ID	Type	Location	Status	ID	Type	Location	Status	ID	Type	Location	Status	ID	Type	Location	Status	DOS/DHS:	RTS/RES:					DOS/DHS:	RTS/RES:								
CG 435	Bell 429	Shoal Point, BC	●	CG 434	Bell 429	Parry Sound, ON	●	CG 432	Bell 429	CCGS Henry Larsen	●																				
CG 440	Bell 429	Shoal Point, BC	●	CG 439	Bell 429	Québec, QC	●	CG 433	Bell 429	Stephenville, NL	●																				
CG 443	Bell 429	Port Hardy, BC	●	CG 441	Bell 429	Québec, QC	●	CG 436	Bell 429	Shearwater, NS	●																				
CG 943	Bell 412	Seal Cove Base, BC	▲	CG 444	Bell 429	Québec, QC	●	CG 437	Bell 429	Shearwater, NS	●																				
CG 946	Bell 412	Port Hardy, BC	●	CG 445	Bell 429	Ottawa, ON	▲	CG 438	Bell 429	CCGS Louis S. St-Laurent	●																				
CG 948	Bell 412	Seal Cove Base, BC	●	CG 942	Bell 412	Parry Sound, ON	▲	CG 442	Bell 429	St. John's, NL	●																				
				CG 945	Bell 412	Québec, QC	▲	CG 446	Bell 429	Ottawa, ON	▲																				
								CG 944	Bell 412	Ottawa, ON	▲																				
								CG 947	Bell 412	St. John's, NL	●																				
Operational						Planned Non Operational						Unplanned Non Operational																			

**CCG SENIOR MANAGEMENT DISPOSITION /
DISPOSITION DE LA HAUTE GESTION DE LA GCC**



Titre/Rôle	Poste	Localité	Prat
J. Hutchinson Commissioner / Commissaire		OTTAWA	
M. Pelletier Deputy Commissioner – Operations / Sous-commissaire – Opérations			Wade Spurrell
A. Smith Deputy Commissioner – Strategy & Shipbuilding / Sous-commissaire – Stratégie et construction navale		OTTAWA	
J. Gascon Director General – Operations / Directeur général – Opérations			Michèle LeBlanc
S. Ryan Director General – Integrated Technical Services / Directeur général – Services techniques intégrés		OTTAWA	
M. Sanderson Acting Director General – National Strategies / Directeur général par intérim – Stratégies nationales		OTTAWA	
M-C. Haubert Director General – Integrated Business Management Services / Directrice générale – Services de gestion intégrée des affaires		OTTAWA	
R. Wight Director General – Major Projects / Directeur général – Projets majeurs		OTTAWA	
G. Ivany Acting Assistant Commissioner – Central & Arctic Region / Commissaire adjoint par intérim – Région du Centre et de l'Arctique		MONTREAL	
B. LeBlanc Acting Assistant Commissioner – Atlantic Region / Commissaire adjoint par intérim – Région de l'Atlantique		ST. JOHN'S	
R. Girouard Assistant Commissioner – Western Region / Commissaire adjoint – Région de l'Ouest			Miriam Van Roosmalen
P. Jean Acting Executive Director – Canadian Coast Guard College / Directeur exécutif par intérim – Collège de la Garde côtière canadienne		SYDNEY	

**NATIONAL COMMAND CENTRE INFORMATION BULLETIN /
BULLETIN D'INFORMATION DU CENTRE DE COMMANDEMENT NATIONAL**

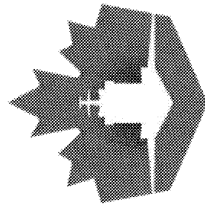


NCC DUTY OFFICER / AGENT DU NCC EN SERVICE

Nathalie Choquette

CONTACT NUMBERS / NUMÉROS DE CONTACT



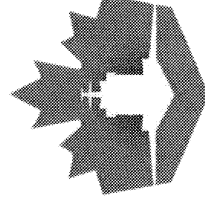


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NATIONAL SECURITY LEVELS

National MARSEC level ¹	
Federal facilities readiness level ²	
National terrorism threat level ³	

3 of 5 (medium)

ASSET DISPOSITION

	Vessels	119
	Helicopters	22
Atlantic Region:	Fleet Readiness	Normal
	Non Operational Unplanned	6
	Non Operational Planned	8
Central and Arctic:	Fleet Readiness	Reduced*
	Non Operational Unplanned	4
	Non Operational Planned	12
Western Region:	Fleet Readiness	Normal
	Non Operational Unplanned	1
	Non Operational Planned	12

We have updated the number of vessels under construction (VUC) to include the 4 most recent Bay Class Vessels. The 10 VUC are now: Baie de Plaisance, Pachena Bay, McIntyre Bay, OFSV 1, OFSV 2, OFSV 3, HMP Bay Class 3, HMP Bay Class 4, CNF Bay Class 3, and CNF Bay Class 4.

* On October 19, Central and Arctic Region changed their Fleet Readiness profile to Reduced. Repairs and crewing issues continue to limit the Aids to Navigation program. No large buoytenders are currently in operation, which diminishes capacity for AtoN work and ITS maintenance.

¹ Set by the Minister of Transport

² Set by the Privy Council Office

³ Set by the Integrated Terrorism Assessment Centre.

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WEATHER

STORM WARNINGS ON THE EAST COAST:

Gulf of St. Lawrence/ Magdalen Islands

WIND - northwest 35 knots increasing to northwest 50 this afternoon then diminishing to west 40 overnight. Wind diminishing to west 30 near noon Saturday.

SEAS - 3-5 m building to 5-7 m near noon then subsiding to 3-5 m late overnight. Seas subsiding to 2-3 m Saturday evening.

SIGNIFICANT INCIDENTS

NEW- 2

FYI- Cape Roger Generator failure

Yesterday afternoon, the Cape Roger reported that their generator was unserviceable. The vessel fell into non-operational status because of it.

The Sir Wilfred Grenfell departed St. John's to assume SAR East/West, and the Leonard J Cowley proceeded inside the 200 mile limit to assure SAR 033 coverage.

This impacted the SAR and Nafo programs. Later that night, the Cape Roger successfully resolved their generator issue and returned to operational status.

FYI – National Energy Board (NEB) potential protest

On November 21st CCG at MSOC West was informed by the RCMP of potential protest activities surrounding the National Energy Board (NEB) hearings as part of the Reconsideration Process for the Trans Mountain Pipeline Expansion Project. The hearings will take place at the Delta Ocean Pointe Resort from November 26th to 29th 2018. This may attract the attention of protest groups. The event could also attract the attention of protest groups wishing to engage in illegal protest activity. CCG MSOC (W) will liaise with law enforcement partners to monitor developments as they unfold.

ONGOING – 3

ER – CCGS CORPORAL MCLAREN PARTIALLY SUBMERGED – SAMBRO, NS

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Recap: November 17, the CCGS Corporal McLaren was reported partially submerged in the water after slipping off the cradle during refit in Sambro, NS. Halifax Regional Police and RCMP are investigating the incident. The Incident Command Post (ICP) was stood up November 19. CME is the responsible party, and CCG the lead agency.

Update: CME is developing safe work procedures for pumping operations and will be reviewing salvage and stability plans, as well as modeling and safety protocols. Plans are expected to be reviewed on November 23. Marine surveyor from the insurance company was on site for a preliminary damage assessment in preparation for an assessment with CCG and ABS once the vessel is refloated and secure at the government wharf. Divers have plugged the last water access point at low tide in order to check the seal as the tide rises; once checked, they will remove the plug. A crane will be on site tomorrow morning to lift and repair the marine railway in preparation for lifting once the vessel is moved.

ER – SEAROSE FPSO CRUDE OIL SPILL – OFFSHORE NL

Recap: November 16, the SEAROSE FPSO (Floating Production, Storage, and Offloading) reported losing approximately 250m³ of crude oil. CCG ER contacted C-NLOPB (Canada-Newfoundland and Labrador Offshore Petroleum Board), the Lead Agency, who is working with the owner/operator, Husky Energy. Husky Energy has their Regional Response Management Team (RRMT) activated at their Response Centre in St. John's. Memorandum Of Understanding (MOU) between CCG and CNLOPB was officially activated on November 19, 2018. The ROV survey on Monday November 19, 2018 identified the source of the release as a disconnected weak link.

Update: Husky Energy Incident Command Post has been shut down. Staff remain on call ready to reconvene. Husky preparing plan on how to repair subsea flowline and will submit to CNLOPB for approval. CG ER attended a Science Table meeting chaired by ECCC at the CNLOPB office. Wildlife surveillance flights will continue daily. To date 18 oiled marine birds have been identified, 10 have not been captured, 4 live oiled birds have been brought to St. John's, NL for rehabilitation. 4 dead oiled birds have also been transported to St. John's, NL to be turned over to ECCC-Wildlife Enforcement Directorate.

ER – VESSEL SINKING AT WHARF , NL

Recap: November 6, 50ft pleasure craft Beverly Gae sank at the wharf in Cornerbrook, NL. CCG ER removed recoverable pollutants. CCG ER working to develop a plan to tow vessel to deconstruction site to eliminate threat pollution

Update:

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NON-OPERATIONAL VESSELS

ATLANTIC REGION

UNPLANNED

1. **George B. Pearkes** – St. John's, NL. Refit delay, installation of the speed crane as well as the installation and training on the new radars and GMDSS. RTS December 1. Impact: The Northumberland Strait buoy program will be delayed (originally scheduled to begin November 26). The Pearkes was scheduled to complete the Labrador program, due to the delay the Edward Cornwallis has been sent to complete the program.
2. **Cygnus** – St. John's, NL – Refit delay. Drydock. RTS December 1. The tail shaft needs to be machined. Impact: The NAFO program affected due to only one NAFO vessel being operational.
3. **Corporal Teather C.V. (SAR)** – Coolant leak in the starboard main engine. Impact: None. Sir Wilfred Grenfell covering SAR 033 East Coast
 - a. temporarily transferred to the Atlantic region to help them cover SAR while one of their buoy tenders helps C&A with their AtoN program.
4. **S. Dudka - RTS Today - Once CO2 canister is recharge. RTS today**
5. **Harp (SAR)** – St. John's, NL. RTS unknown, no firm timeline since still assessing whether gearbox can be repaired on site or will need to be sent away. Unplanned maintenance for port clutch issues. Impact: Alternate coverage required for SAR on east coast of Newfoundland. (November 10 update: still unknown, ROC Atl will advise when they find out.)
6. **Cap Breton (SAR)** – Shippagan, NB – Vessel removed from the water due to ice conditions in the harbour. Will be put back in if conditions allow. Station scheduled to close December 21. Impact: Reduced SAR coverage in the Gulf of St. Lawrence.
7. **Spray (SAR)** – Dartmouth, NS. RTS unknown. Refit delay. Impact minimal: spare VSL.

PLANNED

1. **Louis S. St-Laurent** – St. John's, NL – Post-Arctic demobilization
2. **Terry Fox** – St. John's, NL. Refit. RTS January 10 2019.
3. **Capt. Molly Kool** – Davie Shipyard, QC – Refit.
4. **Henry Larsen** – St. John's, NL. Post Arctic demobilization.
5. **Ann Harvey** – Les Méchins, QC. Vessel life extension. RTS February 2019.
6. **Earl Grey** – Dartmouth, NS. Alongside refit. RTS January 7 2019.
7. **Corporal McLaren M.M.V.** – Sambro, NS. Refit delay. RTS unknown. Original end of refit date December 19.
8. **M. Perley** – Dartmouth, NS – Demobilization.

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9. **Clark's Harbour (SAR)** – West Head, NS. RTS November 26. Impact: NONE – Courtenay Bay is on station at the Clark's Harbour Station (West Head) to provide the SAR coverage for SAR 007 Southwestern Shore, NS.
10. **Goeland** - Sydney, NS – Spare

CENTRAL & ARCTIC REGION

UNPLANNED

1. **Constable Carriere** – Burlington, ON. Update: Non-operational due to unplanned maintenance. The emergency generator breaker that has been removed and sent to the CCGS A. Leblanc. They will remain in this status until December 9th, at which point they will demobilize for the winter. Impact: None – no scheduled MSET program.
2. **Griffon (AtoN)** – Les Méchins, QC – Refit delay. Sea trials rescheduled to November 21. RTS November 24. TC inspection completed November 20. Impact: Delay to Aids to Navigation decommissioning program.
3. **Martha L. Black (AtoN)** – Hamilton, ON. RTS updated to November 30. Drydock delay. Impact: Delay to Aids to Navigation decommissioning program for commercial buoys.

PLANNED

1. **A. LeBlanc** – North Sydney, NS. Drydock until December 5.
2. **Amundsen** – Québec, QC. Refit. RTS December 4.
3. **Cap Aupaluk** – Mont-Joli, QC. Spare
4. **Cape Mercy** – Burlington, ON. Spare
5. **Des Groseilliers** – Pointe au Pic, QC. Vessel life extension. RTS December 14.
6. **Helen Irene Battle** – Mont-Joli, QC
7. **Jean Bourdon** – Mont-Joli, QC. Lay-up
8. **Kelso** – Burlington, ON. Mobilization/Demobilization.
9. **G.C. 03** – Ile aux Coudres, QC. Dry-docking.
10. **Pierre Radisson** – Québec, QC. Maintenance. RTS December 19.
11. **Thunder Cape** – Amherstburg, ON. Lay-up
12. **Traverse** – Kenora, ON. Mobilization/Demobilization.

Note: CCGS Baie de Plaisance is being readied for operation in Cap-aux-Meules, QC. Transition into service expected in the Spring of 2019 after warranty work at CNF over the winter.

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WESTERN REGION

UNPLANNED

1. **Bartlett** – Alongside Victoria CG Base. – Unplanned maintenance.

PLANNED

1. **Sir Wilfrid Laurier** – Victoria, BC – Demobilizing for drydock.
2. **Tanu** – North Vancouver, BC – Drydock until December 19.
3. **M. Charles M.B.** – Victoria, BC. Drydock.
4. **Otter Bay** – Patricia Bay, BC – Lay-up for the winter.
5. **Dumit** – Hay River, NT – Drydock for winter.
6. **Eckaloo** – Inuvik, NT – Lay-up for the winter.
7. **Moorhen** – Patricia Bay, BC – Spare.
8. **Vakta** – Gimli, MB – Demobilization for winter season. Drydock.
9. **Moytel** – Sea Island, BC – Refit until December 18.
10. **Cape Naden** – Patricia Bay, BC – Refit until December 18.
11. **Cape Cockburn** – Patricia Bay, BC – Refit until December 3.
12. **Atlin Post** – Patricia Bay, BC – Lay-up

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HELICOPTERS

UNPLANNED NON-OPERATIONAL

PLANNED NON-OPERATIONAL

1. CG 436 (Bell 429) – Shearwater, NS – RTS November 28. Planned maintenance
2. CG 446 (Bell 429) – Ottawa, ON – RTS November 22. Planned maintenance.
3. CG 944 (Bell 412) – Ottawa, ON – RTS December 21. Planned maintenance.
4. CG 942 (Bell 412) – Parry Sound, ON RTS December 4. Planned maintenance
5. CG 445 (Bell 429) – Ottawa, planned maintenance. RTS December 21.
6. CG 945 (Bell 412) – Québec, QC – Maintenance. RTS November 26
7. CG 943 (Bell 412) – Seal Cove Base, BC – Scheduled maintenance; 5 year inspection.

OPERATIONAL

8. CG 432 (Bell 429) – CCGS Henry Larsen
9. CG 433 (Bell 429) – Stephenville, NL
10. CG 437 (Bell 429) – Shearwater, NS
11. CG 438 (Bell 429) – CCGS Louis S. St-Laurent
12. CG 442 (Bell 429) – St. John's, NL
13. CG 947 (Bell 412) – St. John's, NL
14. CG 434 (Bell 429) – Parry Sound, ON
15. CG 439 (Bell 429) – Québec, QC
16. CG 441 (Bell 429) – Québec, QC – Now operational
17. CG 444 (Bell 429) – Québec, QC
18. CG 435 (Bell 429) – Shoal Point, BC
19. CG 440 (Bell 429) – Shoal Point, BC
20. CG 443 (Bell 429) – Port Hardy, BC
21. CG 946 (Bell 412) – Port Hardy, BC
22. CG 948 (Bell 412) – Seal Cove Base, BC

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OPERATIONAL VESSELS

ATLANTIC REGION

15 SAR

1. Sir Wilfred Grenfell – St. John's, NL
2. Cape Roger – Dartmouth, NS
3. Bickerton – Port Bickerton, NS
4. Cap Nord – Charlottetown, PEI
5. Cape Edensaw – Saint John, NB
6. Cape Fox – Lark Harbour, NL
7. Cape Norman – Port au Choix, NL
8. Cape Spry – Souris, PE
9. Courtenay Bay – West Head, NS
10. Pennant Bay – St. Anthony, NL
11. Sambro – Sambro, NS
12. Spindrift – Louisburg, NS
13. W. G. George – Burgeo, NL
14. W. Jackman – Burin, NL
15. Westport – Westport, NS

5 CONSERVATION & PROTECTION

16. G. Peddle S.C.
17. Cape Light
18. Geliget
19. Vladykov – Marystown, NL. Now operational.
20. Pointe Caveau

1 NAFO

21. Leonard J. Cowley

2 AIDS TO NAVIGATION

22. Edward Cornwallis – Enroute to Goose Bay for Winter lifts
23. Sir William Alexander – Gaspé, QC. Weather delay
 - a. Completing C&A buoy program started by the Edward Cornwallis.

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6 SCIENCE

- 24. Hudson – E of Flemish Cap
- 25. Teleost – White Islands, NL
- 26. Alfred Needler – N of Fogo Island, NL (Science/SAR 032)
- 27. Sigma T – Dartmouth, NS
- 28. Viola M. Davidson – St. Andrews, NB

0 ARCTIC

**National Command Centre
Operations Brief
Friday 23 November 2018**

CENTRAL & ARCTIC REGION

15 SAR

1. Cap aux Meules – Cap-aux-Meules, QC
2. Cap de Rabast – Tadoussac, QC
3. Cap Percé – Kégaska, QC – FRC 753 unavailable due to ice conditions
4. Cap Rozier – Havre-Saint-Pierre, QC - FRC 753 unavailable due to ice conditions
5. Cap D'Espoir – Rivière-au-Renard, QC – Operational but not available due to weather
6. Cap Tourmente – Québec, QC
7. Cape Chaillon – Thunder Bay, ON
8. Cape Commodore – Tobermory, ON
9. Cape Discovery – Goderich, ON
10. Cape Dundas – Amherstburg, ON
11. Cape Hearne – Kingston, ON
12. Cape Lambton – Port Dover, ON
13. Cape Providence – Meaford, ON.
14. Cape Rescue – Cobourg, ON
15. Cape Storm – Port Weller, ON

6 AIDS TO NAVIGATION

16. Samuel Risley – Parry Sound, ON. Limited operations
Daylight sailing only. Crew Change November 28.
17. Caribou Isle – Parry Sound, ON
18. Cove Isle – Burlington, ON
19. Île Saint-Ours – Lakeview Park Marina in Windsor, ON
20. Mamilossa – Ile Charron, QC.
21. Sipu Muin (AtoN) – Trois-Rivières, QC. 48 hour notice required for taskings.

4 SCIENCE

22. Frederick G. Creed – Rimouski, QC – Mobilization/demobilization
23. F.C.G Smith – Trois-Rivières, QC
24. Leim – Québec, QC – Maintenance
25. Limnos – Burlington, ON (AtoN/Science)

1 MSET

26. Caporal Kaebler V.C.

1 OTHER

27. Private Robertson V.C. – Québec, QC. Transit to St. John's, NL.

National Command Centre
Operations Brief
Friday 23 November 2018

WESTERN REGION

16 SAR

1. **John P. Tully** – Prince Rupert. PRIMARY NORTHERN SAR.
2. **Gordon Reid** – Fitz Hugh Sound, BC – PRIMARY SOUTHERN SAR
3. **Cape McKay** – Bamfield, BC
4. **Cape Farewell** – Bella Bella, BC
5. **Cape Palmerston** – Campbell River, BC
6. **Cape Kuper** – French Creek, BC
7. **Cape St. James** – Ganges, BC
8. **CG 158** – Kitsilano, BC
9. **Cape Sutil** – Port Hardy, BC
10. **Cape Caution** – Powell River, BC
11. **Cape Dauphin** – Prince Rupert, BC
12. **Cape Mudge** – Sandspit, BC
13. **Siyay** – Sea Island, BC
14. **Cape Ann** – Tofino, BC
15. **Cape Calvert** – Victoria, BC

1 C&P

16. **Captain Goddard M.S.M.**

3 SCIENCE

17. **Vector** – Patricia Bay, BC
18. **Neocaligus** – Discovery Passage, BC

0 AIDS TO NAVIGATION

1 TOWING

20. **Atlantic Eagle** – Victoria, BC

Hurley, Mike

From: Pilgrim, Bret
Sent: November-23-18 1:39 PM
To: Hurley, Mike; Coffin, David; Henri, Martin; Diamond, Julie
Cc: Walsh, Ray; Rumbolt, Annette; Kavanagh-Penney, Amy
Subject: RE: Searose Incident

Thanks for the quick response folks! Your efforts are appreciated.

Bret

Bret Pilgrim

A/St. Biologist – Mining Regulatory Review
Fisheries Protection Program | Programme de protection des pêches
Ecosystems Management | Gestion des écosystèmes
Fisheries and Oceans Canada | Pêches et Océans Canada
Northwest Atlantic Fisheries Centre |
Centre des Pêches de l'Atlantique Nord-Ouest
80 East White Hills Road | 80, route White Hills est
PO Box 5667 | CP 5667
St. John's NL A1C 5X1 Canada
Tel. 709-772-6562

From: Hurley, Mike
Sent: November-23-18 1:37 PM
To: Coffin, David; Henri, Martin; Diamond, Julie
Cc: Walsh, Ray; Rumbolt, Annette; Kavanagh-Penney, Amy; Pilgrim, Bret
Subject: RE: Searose Incident

Hi all,

I see the same as Dave. based on what I know there is no current CDN activity in this area.

Mike

From: Coffin, David
Sent: November-23-18 1:19 PM
To: Hurley, Mike; Henri, Martin; Diamond, Julie
Cc: Walsh, Ray; Rumbolt, Annette; Kavanagh-Penney, Amy; Pilgrim, Bret
Subject: FW: Searose Incident

The only offshore GF activity I see in VMS is OCI and they have vessels in 3N, nowhere near the facility.

Martin any shellfish activity?

Mike any other offshore activity I've missed? Any vessels in the NRA that might be in this area?

From: Kavanagh-Penney, Amy
Sent: November-23-18 12:11 PM

s.16(2)

s.19(1)

To: Pilgrim, Bret; Coffin, David
Cc: Walsh, Jerry; Bungay, Kerry
Subject: FW: Searose Incident

Hi Bret,

I'm going to send this on to Dave Coffin in RM, he will have a look to see what Canadian fisheries might be active in this area. Dave will touch base with Mike Hurley to see what activity from NAFO might be in the area.

Amy Kavanagh-Penney

amy.kavanagh-penney@dfo-mpo.gc.ca

International Unit-Sr. Program Compliance Officer

Conservation and Protection Branch

Fisheries & Oceans Canada

P.O. Box 5667 St. John's, NL A1C 5X1

Tel: (709) 772-8831

Cell: [REDACTED]

From: Pilgrim, Bret <Bret.Pilgrim@dfo-mpo.gc.ca>

Sent: Friday, November 23, 2018 12:03 PM

To: Bungay, Kerry <Kerry.Bungay@dfo-mpo.gc.ca>

Cc: Walsh, Jerry <Jerry.Walsh@dfo-mpo.gc.ca>; Kavanagh-Penney, Amy <Amy.Kavanagh-Penney@dfo-mpo.gc.ca>

Subject: Searose Incident

Hey Kerry,

[REDACTED] But I'll send this email to you anyway and have CC'ed Jerry as your listed alternate and Amy

We are in the process of completing a briefing note on the searose oil spill and we are looking for information on fisheries regularly prosecuted this time of year within the gridded pattern on the attached map. Is this something that you can provide...or at least provide me with a name of who in Fisheries Management that can provide this info.

Thanks

Bret Pilgrim

A/Sr. Biologist – Mining Regulatory Review

Fisheries Protection Program | Programme de protection des pêches

Ecosystems Management | Gestion des écosystèmes

Fisheries and Oceans Canada | Pêches et Océans Canada

Northwest Atlantic Fisheries Centre |

Centre des Pêches de l'Atlantique Nord-Ouest

80 East White Hills Road | 80, route White Hills est

PO Box 5667 | CP 5667

St. John's NL A1C 5X1 Canada

Tel. 709-772-6562

Hurley, Mike

From: Coffin, David
Sent: November-23-18 1:48 PM
To: Hurley, Mike
Cc: Walsh, Ray
Subject: RE: Searose Incident

Perfect tks.

From: Hurley, Mike
Sent: November-23-18 1:48 PM
To: Coffin, David
Cc: Walsh, Ray
Subject: RE: Searose Incident

I spoke with Bret he said no worries on outside at this point.
Mike

From: Coffin, David
Sent: November-23-18 1:46 PM
To: Hurley, Mike
Cc: Walsh, Ray
Subject: RE: Searose Incident

What about foreign vessels in the NRA? Anything to be concerned about there? Not sure we could provide the information in any event?

From: Hurley, Mike
Sent: November-23-18 1:37 PM
To: Coffin, David; Henri, Martin; Diamond, Julie
Cc: Walsh, Ray; Rumbolt, Annette; Kavanagh-Penney, Amy; Pilgrim, Bret
Subject: RE: Searose Incident

Hi all,

I see the same as Dave. based on what I know there is no current CDN activity in this area.

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Subject: FW: Searose Incident

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Cc: Walsh, Jerry; Bungay, Kerry
Subject: FW: Searose Incident

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Amy Kavanagh-Penney

amy.kavanagh-penney@dfo-mpo.gc.ca
 International Unit-Sr. Program Compliance Officer
 Conservation and Protection Branch
 Fisheries & Oceans Canada
 P.O. Box 5667 St. John's, NL A1C 5X1
 Tel: (709) 772-8831
 Cell: [REDACTED]

From: Pilgrim, Bret <Bret.Pilgrim@dfo-mpo.gc.ca>
Sent: Friday, November 23, 2018 12:03 PM
To: Bungay, Kerry <Kerry.Bungay@dfo-mpo.gc.ca>
Cc: Walsh, Jerry <Jerry.Walsh@dfo-mpo.gc.ca>; Kavanagh-Penney, Amy <Amy.Kavanagh-Penney@dfo-mpo.gc.ca>
Subject: Searose Incident

Hey Kerry,

[REDACTED] But I'll send this email to you anyway and have CC'ed Jerry as your listed alternate and Amy

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Thanks

Bret Pilgrim


A/Sr. Biologist – Mining Regulatory Review
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 St. John's NL A1C 5X1 Canada
 Tel. 709-772-6562

Bungay, Kerry

From: Bungay, Kerry
Sent: November-23-18 12:08 PM
To: Pilgrim, Bret
Subject: Re: Searose Incident

Jerry is away on assignment. Amy doesn't even work with Jerry now.

Melissa Abbott is acting for Jerry.

When do u need this? 


If need today...I would try Mike Hurley in offshore to see if he is able to assist.

Also Mike Stacey in FMC maybe able to do what map of activity from vms.

Sent from my BlackBerry 10 smartphone on the Bell network.

From: Pilgrim, Bret
Sent: Friday, November 23, 2018 12:02 PM
To: Bungay, Kerry
Cc: Walsh, Jerry; Kavanagh-Penney, Amy
Subject: Searose Incident

Hey Kerry,


We are in the process of completing a briefing note on the searose oil spill and we are looking for information on fisheries regularly prosecuted this time of year within the gridded pattern on the attached map. Is this something that you can provide...or at least provide me with a name of who in Fisheries Management that can provide this info.

Thanks

Bret Pilgrim

A/Sr. Biologist – Mining Regulatory Review
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St. John's NL A1C 5X1 Canada
Tel. 709-772-6562

Matheson, Kyle

From: Matheson, Kyle
Sent: November-23-18 4:44 PM
To: Chiang, Eric
Subject: RE: Searose oil spill (NL) - sampling requests

Thanks Eric, [REDACTED]

[REDACTED]

Cheers, Kyle

From: Chiang, Eric
Sent: November-23-18 2:53 PM
To: Matheson, Kyle; Herborg, Matthias
Subject: RE: Searose oil spill (NL) - sampling requests

Hi Kyle,

Is there any active fishery in the area? When will the next fishery opening for the area, and what type, in the future?

I agree with this assessment as well. But I suggest to base your assessment on the following elements:

1. Receptor of concern
 - a. Fishery species currently in the picture
 - b. Any future harvest? What time is the harvest?
 - c. Any aquatic ecologically sensitive species?
2. Contaminants of concern
 - a. Oil rapidly dissipating
3. Exposure pathways to receptors
 - a. Is there receptors being exposed to oil?
4. Risk assessment
 - a. Negligible risk to aquatic ecosystem because high dissipation and lack of exposure pathways to ecological sensitive species.
 - b. If no active fisheries and no immediate opening, no exposure pathway, no risk
 - c. No need for sampling.

Should you wish, give me a call to discuss or teleconf with COOGER.

Hope this helps..

Eric

From: Matheson, Kyle
Sent: November-23-18 10:00 AM
To: Chiang, Eric; Herborg, Matthias
Subject: Searose oil spill (NL) - sampling requests

Hi Eric and Matthias,

I wanted touch base quickly and pick at your experience. For the recent spill offshore NL, ECCC is reaching out to see if we had any requests of the polluter (ie sampling).

My first thoughts, is that we don't really have any immediate concerns, but was wondering what your thoughts would be if something like this occurred offshore BC.

The quick update, is that it was a batch spill ~300 km offshore (report was 250m³ but no exact number is known), seas were 7+ m for several days, and no oil has been observed on the surface for several days now. After talking with COOGER, we expect all oil to have quickly risen to the surface and then have rapidly and naturally dispersed and diluted to very low levels (ppb), likely below levels of impact.

Curious on your initial thoughts?

Thanks again!

- Kyle

Sent from my BlackBerry 10 smartphone on the Bell network.

Kelly, Jason

From: Kelly, Jason
Sent: November-23-18 11:47 AM
To: Edison, Margo
Subject: RE: Week of November 26th - AES Issues, Reports and Consultations Report / Upcoming Decisions

Also Jackies has bilats with ADM. Could use that.

jas

From: Edison, Margo
Sent: November-23-18 11:42 AM
To: Kelly, Jason
Subject: Re: Week of November 26th - AES Issues, Reports and Consultations Report / Upcoming Decisions

Good point. I'll chat to Ray and send you another now shortly.

Thanks,
Margo

From: Kelly, Jason
Sent: Friday, November 23, 2018 11:37 AM
To: Edison, Margo
Subject: RE: Week of November 26th - AES Issues, Reports and Consultations Report / Upcoming Decisions

Just a quick thought, because this is not going up to be used until December 4th, I'm thinking we should brief another way. Perhaps BN to ADM or DM

Jason

From: Edison, Margo
Sent: November-23-18 11:31 AM
To: Kelly, Jason
Subject: Re: Week of November 26th - AES Issues, Reports and Consultations Report / Upcoming Decisions

I'm in RMC but will connect with you after I am done? I'm booked here till noon.

Thanks,
Margo

From: Kelly, Jason
Sent: Friday, November 23, 2018 11:25 AM
To: Edison, Margo
Subject: RE: Week of November 26th - AES Issues, Reports and Consultations Report / Upcoming Decisions

Hey, can I call to discuss

Jason

From: Edison, Margo
Sent: November-23-18 11:24 AM
To: Kelly, Jason
Subject: Re: Week of November 26th - AES Issues, Reports and Consultations Report / Upcoming Decisions

Jason,
I'm looking for your input? I think it's important to include? It's still a big issue and in my opinion, will still be relevant in two weeks due to the size of this spill. It's the biggest offshore spill in NL to date so it is relevant. Due to the fact that the clean-up will be managed and watched while they search for the released oil, it's not going to go away quickly? What are your thoughts? Also, they reported on 18 oily birds last night on National news.

Thanks,
Margo

From: Pike, Kelly J
Sent: Friday, November 23, 2018 10:27 AM
To: Edison, Margo
Subject: FW: Week of November 26th - AES Issues, Reports and Consultations Report / Upcoming Decisions

Margo, your thoughts?

From: Finn, Ray <Ray.Finn@dfo-mpo.gc.ca>
Sent: Friday, November 23, 2018 10:24 AM
To: Pike, Kelly J <Kelly.Pike@dfo-mpo.gc.ca>
Subject: Re: Week of November 26th - AES Issues, Reports and Consultations Report / Upcoming Decisions

I will defer to Margo. That ok?

Ray

[REDACTED] (cell)
(709) 772 - 2442. (office)

Sent via Blackberry

From: Pike, Kelly J
Sent: Friday, November 23, 2018 10:18 AM
To: Finn, Ray
Subject: FW: Week of November 26th - AES Issues, Reports and Consultations Report / Upcoming Decisions

Ray, what are your thought on incl. Husky?

From: Kelly, Jason <Jason.Kelly@dfo-mpo.gc.ca>
Sent: Thursday, November 22, 2018 2:48 PM
To: Pike, Kelly J <Kelly.Pike@dfo-mpo.gc.ca>
Subject: RE: Week of November 26th - AES Issues, Reports and Consultations Report / Upcoming Decisions

Kelly, can you see if Ray wants to have the Husky spill included here. Considering this is for week of Dec 4th, things may be out of date by that time and I know there is information being sent up through other means

Jason

From: Pike, Kelly J
Sent: November-22-18 2:36 PM
To: Powell, Shawna; Snow, Stephen; Kelly, Jason; Sullivan, Katrina; Yetman, Dana; Johnson, Roger
Cc: Bieger, Tilman; Edison, Margo; Finn, Ray
Subject: FW: Week of November 26th - AES Issues, Reports and Consultations Report / Upcoming Decisions

For your input and/or Nil response to me before Noon, Friday, Nov. 23.

From: Genier, Sylvie
Sent: Thursday, November 22, 2018 2:17 PM
To: Butler, Annette <Annette.Butler@dfo-mpo.gc.ca>; Cochrane, Kim <Kim.Cochrane@dfo-mpo.gc.ca>; Hickson, Cindy <Cindy.Hickson@dfo-mpo.gc.ca>; Rossignol, Pauline <Pauline.Rossignol@dfo-mpo.gc.ca>; Wilson, Teresa M <Teresa.Wilson@dfo-mpo.gc.ca>; XCA-Grp, RDGO <XCA-Grp-RDGO@dfo-mpo.gc.ca>; Hébert, Linda M <Linda.Hebert@dfo-mpo.gc.ca>; Pallard, Jessica <Jessica.Pallard@dfo-mpo.gc.ca>; Pike, Kelly J <Kelly.Pike@dfo-mpo.gc.ca>; Couturier-Dubé, Geneviève <Genevieve.Couturier-Dube@dfo-mpo.gc.ca>; Kaba, Kyle <Kyle.Kaba@dfo-mpo.gc.ca>; Landry, Anne <Anne.Landry@dfo-mpo.gc.ca>
Cc: Daspe, Caroline <Caroline.Daspe@dfo-mpo.gc.ca>
Subject: Week of November 26th - AES Issues, Reports and Consultations Report / Upcoming Decisions

Hi all / Bonjour,

Please note this request is for items pertaining to Aquatic Ecosystems Sector only /
Veuillez noter que cette demande concerne uniquement les articles appartenant au secteur des écosystèmes aquatiques

Please update (in the language of your choice) the attached report with a regional perspective and return to me **by 10am on Monday, November 26th.**

Please note if no response is received by the timeline provided, it will be considered a NIL response.

NEW Please note this request is for the period of 4 weeks from December 4th to January 1st

Veuillez fournir vos données (dans la langue de votre choix), incluant la perspective régionale pour le rapport ci-joint **par 10h00 lundi le 26 novembre.**

S'il vous plaît noter si aucune réponse n'est reçue par le temps fourni, il sera considéré comme une réponse NUL.

NOUVEAU SVP noter que cette demande est pour une période de 4 semaines du 4 décembre au 1 janvier

Thank you/Merci.

Sylvie Genier
Scheduling Coordinator / Coordinatrice de l'agenda
Senior Assistant Deputy Minister / Bureau du sous-ministre adjoint
Ecosystems & Fisheries Management / Écosystèmes et Gestion de Pêches

613-993-2734

s.19(1)

Kelly, Jason

From: Kelly, Jason
Sent: November-23-18 8:34 AM
To: 'Thomas, Graham (EC)'
Subject: RE: White Rose spill

Sounds good.

Jason

From: Thomas, Graham (EC) [mailto:graham.thomas@canada.ca]
Sent: November-23-18 8:33 AM
To: Kelly, Jason
Subject: Re: White Rose spill

I will give you a call

Sent from my BlackBerry 10 smartphone on the Bell network.

From: Kelly, Jason
Sent: Friday, November 23, 2018 7:01 AM
To: Thomas, Graham (EC)
Subject: RE: White Rose spill

Hi Graham

Can you give me a call when you are free

709 772-4126

Jason

Jason Kelly

A/ Manager – Regulatory Review
Fisheries Protection Program, Ecosystems Management Branch
Fisheries and Oceans Canada, Government of Canada
P.O. Box 5667, St. John's, NL A1C 5X1
Ph: (709) 772-4126
Email: jason.kelly@dfo-mpo.gc.ca

From: Thomas, Graham (EC) [mailto:graham.thomas@canada.ca]
Sent: November-23-18 8:28 AM
To: Kelly, Jason; Matheson, Kyle
Subject: White Rose spill

Hi folks thanks for taking part in the EEST yesterday. Can your team ensure if there are gaps in science which fall within your mandate and are reasonable to ask of the polluter are identified? For example if you have

concerns for impact on species within your mandate and no monitoring is in place to answer your concerns. If you are ok that is fine we only ask for work to be done where it is necessary and required.

Again thanks for your support

Graham

Sent from my BlackBerry 10 smartphone on the Bell network.

Kelly, Jason

From: Kelly, Jason
Sent: November-23-18 1:34 PM
To: Pilgrim, Bret
Subject: FW: ACTION REQUIRED - NL/MINO Weekly Call

This is what I sent margo for MINO Call on Tuesday

jason

Kelly,

I have another update for the MINO call. This was prepared by Jason. I feel the note could be updated. The most notable items will be updated. Also, Jason will be doing another call at 1100 hrs and may be able to provide further updates on the response.

Update Nov 21st, 2018 11pm - Husky Spill

As you are already aware, on Fri, Nov 16th, 2018 DFO (FPP) received notifications of the Husky Oil spill incident from the National Environmental Emergencies Centre (NEEC). The current estimate of product lost is 250m3 (250,000L) of crude oil.

The C-NLOPB is the Lead Responding Agency for spills related to offshore exploration and production facilities with their area of jurisdiction. The C-NLOPB may request the NECC to call a "Science Table" of federal authorities to assist in the provision of advice and information to assist in the response.

Should a "Science Table" be called DFO will convene our internal Environmental Incidents Team, led by the FPP and guided by the "Newfoundland and Labrador Environmental Incident Team Notification Procedures". The team includes a representative from all sectors to provide expert advice on areas such as fisheries, marine mammals, sensitive species and habitats. A single coordinated DFO response would then be developed and forwarded to NEEC.

To date, a Science table has not yet been called by NEEC, however FPP are in communication with NEEC and will be advised if one is required.

The FPP has been participating in daily incident update calls lead by Husky Energy, which started on Tuesday Nov 20th:

- Participants - Husky, CNLOPB, ECCC and DFO (FPP, Science)
- Husky provided a recap of surveying activities and discussed wildlife observations which include marine mammals, turtles. Vessel and aerial surveys are ongoing.
- Aerial survey on the afternoon of Nov 20th did not detect oil sheens.
- Discussed how oiled birds will be handle and rehabilitated.

As an initial step, DFO Science sector has provided information to the NEEC on marine mammals expected in the area, pelagic and benthic fish species and that spill is not within a MPA or EBSA.

Thanks
Margo

From: Pike, Kelly J
Sent: Tuesday, November 20, 2018 3:05 PM
To: Butler, Annette <Annette.Butler@dfo-mpo.gc.ca>
Cc: Finn, Ray <Ray.Finn@dfo-mpo.gc.ca>; Bieger, Tilman <Tilman.Bieger@dfo-mpo.gc.ca>; Edison, Margo
<Margo.Edison@dfo-mpo.gc.ca>
Subject: FW: ACTION REQUIRED - NL/MINO Weekly Call

Annette, see input from EM Branch for MINO call.

If you need anything further, please let me know.

Thanks,

Kelly

LeBlanc, Brian (Acting AC, Atlantic Region)

From: MSOC-East / COSM-Est (DFO/MPO)
Sent: November 23, 2018 6:39 PM
To: DFO.F CCG Nat Incidents / Incidents Nat GCC F.MPO
Subject: Incident SITREP #008 ER, FPSO Sea Rose - 250 Cubic Meters Crude Oil Spill

**Incident SITREP #008 ER, FPSO Sea Rose - 250 Cubic Meters
Crude Oil Spill**

1. CCG Region/Incident Name: Sea Rose FPSO release estimated at 250 cubic meters of crude
2. Incident Category/Type: Marine ER Type 4
3. Date/Time: November 23, 16:30hrs
4. Primary Department(s)/Agency(s): C-NLOPB
5. Supporting Departments/Agencies: ECCC, CCG, CWS
6. Regional Location: Atlantic
 - a. Province/Territory: Newfoundland and Labrador
 - b. City: N/A
 - c. Amplifying location: Sea Rose FPSO, White Rose Oil Field.
7. Current Situation: To date 18 oiled marine birds have been identified, 10 have not been captured, 4 live oiled birds have been brought to St. John's, NL for rehabilitation. 4 dead oiled birds have also been transported to St. John's, NL to be turned over to ECCC-Wildlife Enforcement Directorate. ECCC-CWS will initiate beached bird surveys to detect and monitor for potential oiled birds deposited on shoreline areas.
8. Actions Taken: CCG ER attended Science Table Meeting 22/11 with C-NLOPB and ECCC. Oil remaining in the damaged weak link that is at risk of being released is estimated at 85 cubic meters.
Current Actions (other): . Husky is in the process of preparing a detailed plan on the procedure for removing and replacing damaged weak link (pipe). Husky is also preparing a response plan in the event of a release of 83 cubic meters crude in the damaged pipe. The response plan is to include, ships (response and dive support) , sweep systems, bird/mammal observers and surveillance monitoring. Anticipated timeline is 2-3 weeks for development of the response plan and repair solution for the damage pipe.
9. Media/Public Communications: High media interest.

10. Activities Next 24 Hours: CCG ER will remain in contact with C-NLOPB over the weekend and respond to any Resource Agency requests as required. No request for assistance anticipated during the weekend.

11. Environmental Factors: Weather on site could affect aircraft or vessel surveys.

12. Significant Issues: N/A

13. Personnel Status: 3 CCG ER Personnel

14. Equipment Status: Industry – Surveillance Aircraft (PAL), three OSV's – Skandi Vinland ROV Operations on site for subsurface assessment, Maersk Dispatcher – Wildlife Observer and Spill Surveillance, Atlantic Hawk – Safety Stand-by and regular surveillance sweeps.

15. New Requirements: N/A

16. Command Assessment: Continue to monitor incident for further developments and respond to any requests for support from C-NLOPB as required.

17. Next SITREP: When there is a significant change or event.

Maritime Security Officer / Agent de sécurité maritime Canadian Coast Guard / Garde côtière canadienne Marine Security Operations Centre - East / Centre d'opérations de la sécurité maritime – Est CFB Halifax / BFC Halifax Building D-201 / Bâtiment D-201
2737 Provo Wallis Street
PO Box 99000 Stn Forces / PO Box 99000 Succ Forces Halifax, Nova Scotia, Canada B3K 5X5 msoceast@dfo-mpo.gc.ca Telephone / Téléphone: (902) 427-0662 Fax / Télécopieur: (902) 427-7841 Secure Telephone/Fax / Téléphone/Télécopieur Sûr: (902) 427-2987 Government of Canada / Gouvernement du Canada

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Fennelly, Stephanie

From: Yard, David C
Sent: Friday, November 23, 2018 4:00 PM
To: Miller, Anne
Subject: Incident SITREP #008 ER, FPSO Sea Rose - 250 Cubic Meters Crude Oil Spill

Importance: High

1. CCG Region/Incident Name: Sea Rose FPSO release estimated at 250 cubic meters of crude
2. Incident Category/Type: Marine ER Type 4
3. Date/Time: November 23, 16:30hrs
4. Primary Department(s)/Agency(s): C-NLOPB
5. Supporting Departments/Agencies: ECCC, CCG, CWS
6. Regional Location: Atlantic
 - a. Province/Territory: Newfoundland and Labrador
 - b. City: N/A
 - c. Amplifying location: Sea Rose FPSO, White Rose Oil Field.
7. Current Situation: To date 18 oiled marine birds have been identified, 10 have not been captured, 4 live oiled birds have been brought to St. John's, NL for rehabilitation. 4 dead oiled birds have also been transported to St. John's, NL to be turned over to ECCC-Wildlife Enforcement Directorate. ECCC-CWS will initiate beached bird surveys to detect and monitor for potential oiled birds deposited on shoreline areas.
8. Actions Taken: CCG ER attended Science Table Meeting 22/11 with C-NLOPB and ECCC. Oil remaining in the damaged weak link that is at risk of being released is estimated at 85 cubic meters.

Current Actions (other): . Husky is in the process of preparing a detailed plan on the procedure for removing and replacing damaged weak link (pipe). Husky is also preparing a response plan in the event of a release of 83 cubic meters crude in the damaged pipe. The response plan is to include, ships (response and dive support) , sweep systems, bird/mammal observers and surveillance monitoring. Anticipated timeline is 2-3 weeks for development of the response plan and repair solution for the damage pipe.
9. Media/Public Communications: High media interest.
10. Activities Next 24 Hours: CCG ER will remain in contact with C-NLOPB over the weekend and respond to any Resource Agency requests as required. No request for assistance anticipated during the weekend.
11. Environmental Factors: Weather on site could affect aircraft or vessel surveys.
12. Significant Issues: N/A
13. Personnel Status: 3 CCG ER Personnel

14. Equipment Status: Industry – Surveillance Aircraft (PAL), three OSV's – Skandi Vinland ROV Operations on site for subsurface assessment, Maersk Dispatcher – Wildlife Observer and Spill Surveillance, Atlantic Hawk – Safety Stand-by and regular surveillance sweeps.

15. New Requirements: N/A

16. Command Assessment: Continue to monitor incident for further developments and respond to any requests for support from C-NLOPB as required.

17. Next SITREP: When there is a significant change or event.

Kelly, Jason

From: Kelly, Jason
Sent: November-23-18 1:15 PM
To: Pike, Kelly J
Cc: Edison, Margo
Subject: Re: Week of November 26th - AES Issues, Reports and Consultations Report / Upcoming Decisions

Ok.thanks. I'll will be updating Margo on a daily basis and we will determine when formal briefing is required.

Jas

Sent from my BlackBerry 10 smartphone on the Bell network.

From: Pike, Kelly J
Sent: Friday, November 23, 2018 12:59 PM
To: Kelly, Jason
Cc: Edison, Margo
Subject: RE: Week of November 26th - AES Issues, Reports and Consultations Report / Upcoming Decisions

Jas, I just spoke to Margo and she is of the mindset that since it has been already raised on Jackie's bilat and MINO call this week then it can be excluded from AES upcoming issues unless there had been some significant change since mid week.

From: Kelly, Jason <Jason.Kelly@dfo-mpo.gc.ca>
Sent: Thursday, November 22, 2018 2:48 PM
To: Pike, Kelly J <Kelly.Pike@dfo-mpo.gc.ca>
Subject: RE: Week of November 26th - AES Issues, Reports and Consultations Report / Upcoming Decisions

Kelly, can you see if Ray wants to have the Husky spill included here. Considering this is for week of Dec 4th, things may be out of date by that time and I know there is information being sent up through other means

Jason

From: Pike, Kelly J
Sent: November-22-18 2:36 PM
To: Powell, Shawna; Snow, Stephen; Kelly, Jason; Sullivan, Katrina; Yetman, Dana; Johnson, Roger
Cc: Bieger, Tilman; Edison, Margo; Finn, Ray
Subject: FW: Week of November 26th - AES Issues, Reports and Consultations Report / Upcoming Decisions

For your input and/or Nil response to me before Noon, Friday, Nov. 23.

From: Genier, Sylvie
Sent: Thursday, November 22, 2018 2:17 PM
To: Butler, Annette <Annette.Butler@dfo-mpo.gc.ca>; Cochrane, Kim <Kim.Cochrane@dfo-mpo.gc.ca>; Hickson, Cindy <Cindy.Hickson@dfo-mpo.gc.ca>; Rossignol, Pauline <Pauline.Rossignol@dfo-mpo.gc.ca>; Wilson, Teresa M <Teresa.Wilson@dfo-mpo.gc.ca>; XCA-Grp, RDGO <XCA-Grp-RDGO@dfo-mpo.gc.ca>; Hébert, Linda M <Linda.Hebert@dfo-mpo.gc.ca>; Pallard, Jessica <Jessica.Pallard@dfo-mpo.gc.ca>; Pike, Kelly J <Kelly.Pike@dfo-mpo.gc.ca>; Couturier-Dubé, Geneviève <Genevieve.Couturier-Dube@dfo-mpo.gc.ca>; Kaba, Kyle <Kyle.Kaba@dfo-mpo.gc.ca>

mpo.gc.ca>; Landry, Anne <Anne.Landry@dfo-mpo.gc.ca>

Cc: Daspe, Caroline <Caroline.Daspe@dfo-mpo.gc.ca>

Subject: Week of November 26th - AES Issues, Reports and Consultations Report / Upcoming Decisions

Hi all / Bonjour,

Please note this request is for items pertaining to Aquatic Ecosystems Sector only /
Veuillez noter que cette demande concerne uniquement les articles appartenant au secteur des
écosystèmes aquatiques

Please update (in the language of your choice) the attached report with a regional perspective and return to me **by
10am on Monday, November 26th.**

Please note if no response is received by the timeline provided, it will be considered a NIL response.

NEW Please note this request is for the period of 4 weeks from December 4th to January 1st

Veuillez fournir vos données (dans la langue de votre choix), incluant la perspective régionale pour le rapport ci-joint **par 10h00 lundi le 26 novembre.**

S'il vous plaît noter si aucune réponse n'est reçue par le temps fourni, il sera considéré comme une réponse NUL.

NOUVEAU SVP noter que cette demande est pour une période de 4 semaines du 4 décembre au 1 janvier

Thank you/Merci.

Sylvie Genier

Scheduling Coordinator / Coordinatrice de l'agenda

Senior Assistant Deputy Minister / Bureau du sous-ministre adjoint

Ecosystems & Fisheries Management / Écosystèmes et Gestion de Pêches

613-993-2734

Kelly, Jason

From: Kelly, Jason
Sent: November-23-18 9:38 AM
To: Clarke, Keith
Subject: FW: White Rose spill

Keith,

Can we have a chat on this sometime today

jason

From: Kelly, Jason
Sent: November-23-18 9:37 AM
To: Matheson, Kyle
Cc: Pilgrim, Bret
Subject: RE: White Rose spill

PS: Can you call before we respond to Graham.

Jason

From: Kelly, Jason
Sent: November-23-18 8:35 AM
To: Matheson, Kyle
Cc: Pilgrim, Bret
Subject: RE: White Rose spill

Kyle

Are you round today, or can you call.

Jason

Jason Kelly

A/ Manager – Regulatory Review
Fisheries Protection Program, Ecosystems Management Branch
Fisheries and Oceans Canada, Government of Canada
P.O. Box 5667, St. John's, NL A1C 5X1
Ph: (709) 772-4126
Email: jason.kelly@dfo-mpo.gc.ca

From: Thomas, Graham (EC) [<mailto:graham.thomas@canada.ca>]
Sent: November-23-18 8:28 AM
To: Kelly, Jason; Matheson, Kyle
Subject: White Rose spill

Hi folks thanks for taking part in the EEST yesterday. Can your team ensure if there are gaps in science which fall within your mandate and are reasonable to ask of the polluter are identified? For example if you have concerns for impact on species within your mandate and no monitoring is in place to answer your concerns. If you are ok that is fine we only ask for work to be done where it is necessary and required.

Again thanks for your support

Graham

Sent from my BlackBerry 10 smartphone on the Bell network.

Fennelly, Stephanie

From: Crann, Larry
Sent: Saturday, November 24, 2018 5:43 PM
To: Yard, David C
Subject: Fw: SWRX Mitigation Plan

FYI

Sent from my BlackBerry 10 smartphone on the Bell network.

Original Message

From: Burley, Dave <DBurley@cnlopb.ca>
Sent: Saturday, November 24, 2018 13:45
To: Okeefe, Jeff; Murphy, Tim; Taylor, Ken; Crann, Larry; Tessier, Scott; Thomas, Graham (EC); Rideout, Lesley; Young, Elizabeth
Subject: Re: Fwd: SWRX Mitigation Plan

Thanks Jeff.

[REDACTED] there be a daily aerial pollution surveillance flight at/around the SWRX area, when visibility/flying conditions permit, pending successful mitigation of the remaining open flowline.

Regards

DaveB

On November 24, 2018 at 1:30:04 PM NST, Okeefe, Jeff <JOkeefe@cnlopb.ca> wrote:

Everyone

I will distribute Husky plan when it comes in Monday and the set up a time then to discuss it for comments back to Husky

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24(1)

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24(1), 19(1)

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20(1)(b), 24(1)

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20(1)(b), 24(1), 19(1)

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19(1), 24(1)

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Tremblett, Wanda

From: Guinchard, David W
Sent: November-24-18 7:44 AM
To: Yard, David C; Crann, Larry; Laidlaw, Keith
Subject: Morning Briefing

Good day,

1) Sea Rose FPSO - 18 oiled birds identified. CWS will initiate beached bird surveys. 85 cubes of oil remain in damaged weak linl. Husky working to develop plan for removal of weal link, and response plan in case of release. CCG ER remain in contact with CNLOPB as a supporting agency.

2) P/C Beverly Gaie (Summerside, NL) - CCG ER conducting field handover/crew-change. Johnny Parnham and Roma Barron to relieve Barry Hawkins, Mark Forsey and Blain Trainor. ER crews to continue daily monitoring of vessel and pump out water. Awaiting go ahead to proceed with salvage plan. [REDACTED]

3) Arch's Pride (Bonavista, NL) - Insurance has been engaged to develop salvage plan. Harbour Authority has placed sorbent boom around the vessel. Insurance rep had intended to initiate salvage plan today. ER to continue to monitor reponse.

4) Oiled Birds, Cripple Cove (Cape Race, NL) - Suspected oiled birds observed in Cripple Cove. PAL surveillance flight did not observe any oil or effected birds in the area. CWS to conduct shoreline survey of the area today. ER continuing to monitor.

Kelly, Jason

From: Kelly, Jason
Sent: November-24-18 5:37 PM
To: Matheson, Kyle
Cc: Pilgrim, Bret; Clarke, Keith
Subject: Re: water sampling plan

Yes.

Sent from my BlackBerry 10 smartphone on the Bell network.

From: Matheson, Kyle
Sent: Saturday, November 24, 2018 9:44 AM
To: Kelly, Jason
Cc: Pilgrim, Bret; Clarke, Keith
Subject: Re: water sampling plan

No comments at the moment, only one question.

If the water sampling is based on EEM (last revised in 2014), am I correct that this protocol, methods, standards, etc would have been reviewed by DFO at this time?

Sent from my BlackBerry 10 smartphone on the Bell network.

From: Kelly, Jason
Sent: Saturday, November 24, 2018 8:58 AM
To: Matheson, Kyle; Clarke, Keith
Cc: Pilgrim, Bret
Subject: Fw: water sampling plan

Any comments???

Sent from my BlackBerry 10 smartphone on the Bell network.

From: Thomas, Graham (EC) <graham.thomas@canada.ca>
Sent: Friday, November 23, 2018 4:20 PM
To: Kelly, Jason; Pilgrim, Bret; Matheson, Kyle; Ronconi, Robert (EC); Wilhelm, Sabina (EC); Whittam, Becky (EC); EC.O Agents de service SUST / ESTS Duty Officers O.EC; 'Locke, Robert C (rlocke@gov.nl.ca)'; Haring, Peter (Ext.)
Cc: CNUE / NEEC (EC); 'osr@cnlopb.nl.ca'; Burley, Dave; Young, Elizabeth
Subject: FW: water sampling plan

Hello folks, please have a look at the attached proposed plan and provide your comments ASAP. I fully understand today is Friday but the plan is for sampling to start next week, the sooner any issues are identified the better.

Graham Thomas

Senior Officer, Preparedness and Response – Atlantic
National Environmental Emergencies Centre (NEEC) - Mount Pearl Office
Environmental Protection Operations Directorate

Environment and Climate Change Canada / Government of Canada

graham.thomas@canada.ca / Tel: 709-772-4285 / Cell : [REDACTED] / **Emergencies 24/7 : 1-866-283-2333**

Agent principal, Préparation et intervention – Atlantique

Centre national des urgences environnementales (CNUE) - Bureau de Mount Pearl

Direction des activités de protection de l'environnement

Environnement et Changement climatique Canada / Gouvernement du Canada

graham.thomas@canada.ca / Tél. : 709-772-4285 / Cell : [REDACTED] / **Urgences 24/7 : 1-866-283-2333**

From: Young, Elizabeth [mailto:EYoung@cnlopb.ca]

Sent: November 23, 2018 2:07 PM

To: Thomas, Graham (EC)

Cc: Burley, Dave

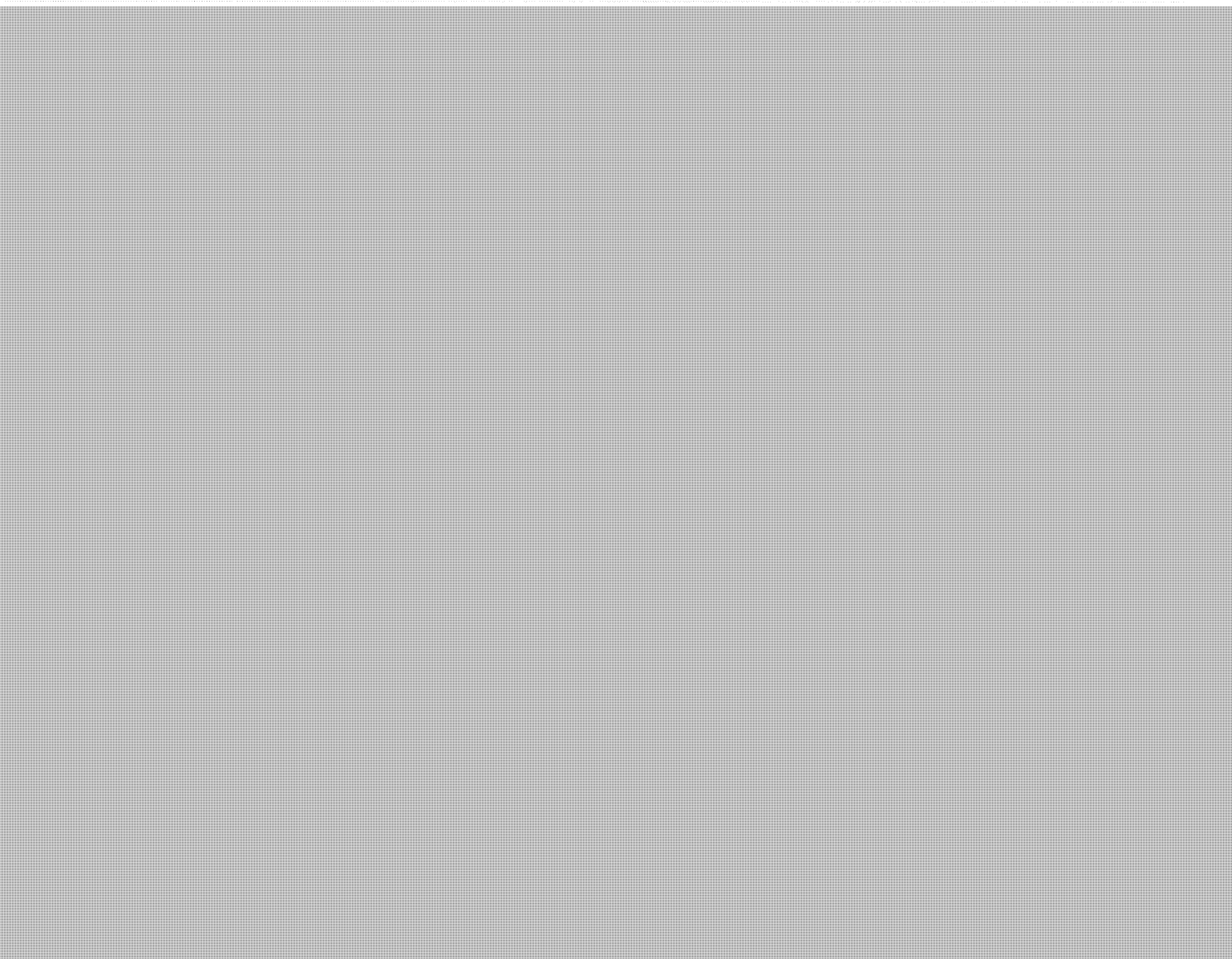
Subject: FW: water sampling plan

Good Afternoon Graham,

As we discussed this afternoon, the following Water Sampling Plan has been provided by Husky Energy.

Regards

Elizabeth



Page 1039

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24(1), 19(1)

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Salem, Ann-Margaret

From: Brooks, Robert
Sent: November-24-18 9:12 AM
To: Salem, Ann-Margaret
Cc: Tettamanti, Ryan; Justice, Robert; Brickett, JJ
Subject: Re: SeaRose calls

Hi

Absolutely- copying Ryan, JJ and Rob J for awareness re your invitation to any calls/ meetings.

I think we should look at developing some Media Lines on Monday in anticipation and to be prepared.

As for whether an NMiIT will be stood up, that is not a live conversation at this time - of course we reevaluate as needed.

Thanks for your support!

R

Sent from my iPhone

On Nov 24, 2018, at 9:03 AM, Salem, Ann-Margaret <Ann-Margaret.Salem@dfo-mpo.gc.ca> wrote:

Hi Robert,

Can you please add me the invitation for the calls on SeaRose? I want to make sure we don't miss any meetings or important developments.

I assume an NIMT has not yet been stood up on the issue, but that one will be once we have clarity on our role in the second operation. Is that correct?

[REDACTED]

[REDACTED] PCO will need to step in from a communications perspective to ensure coordination. We can connect with them next week.

Thanks!

Ann-Margaret Salem
Senior Communications Advisor | Conseillère principale en communications
Public Affairs and Strategic Communications Directorate | Direction des affaires publiques et
des communications stratégiques
Canadian Coast Guard | Garde Côtière Canadienne
Fisheries and Oceans Canada | Pêches et Océans Canada
200 rue Kent Street Room | Pièce : 14E209
Ottawa, Ontario K1A 0E6
Phone | Téléphone: (613) 608-9605

Pilgrim, Bret

From: Ronconi, Robert (EC) <robert.ronconi@canada.ca>
Sent: November-25-18 9:13 PM
To: Thomas, Graham (EC); Kelly, Jason; Whittam, Becky (EC); Wilhelm, Sabina (EC)
Cc: Matheson, Kyle; Pilgrim, Bret
Subject: RE: water sampling plan

No comments from CWS on water sampling plan.

Rob Ronconi

Wildlife Biologist, Canadian Wildlife Service
Environment and Climate Change Canada / Government of Canada
robert.ronconi@canada.ca / Tel: 902-426-6405

Biologiste de la faune, Service canadien de la faune
Environnement et Changement climatique Canada / Gouvernement du Canada
robert.ronconi@canada.ca / Tél: 902-426-6405

From: Thomas, Graham (EC)
Sent: November 25, 2018 4:10 PM
To: Jason Kelly (jason.kelly@dfo-mpo.gc.ca); Whittam, Becky (EC); Ronconi, Robert (EC); Wilhelm, Sabina (EC)
Cc: 'kyle.matheson@dfo-mpo.gc.ca'; Bret.Pilgrim@dfo-mpo.gc.ca
Subject: FW: water sampling plan

FYI, here are comments from ESTS on the proposed sampling program. I understand DFO do not have any additional comments if ECCC-CWS let me know today if possible.

Graham Thomas

Senior Officer, Preparedness and Response – Atlantic
National Environmental Emergencies Centre (NEEC) - Mount Pearl Office
Environmental Protection Operations Directorate
Environment and Climate Change Canada / Government of Canada
graham.thomas@canada.ca / Tel: 709-772-4285 / Cell : [REDACTED] / **Emergencies 24/7 : 1-866-283-2333**

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graham.thomas@canada.ca / Tél. : 709-772-4285 / Cell : [REDACTED] / **Urgences 24/7 : 1-866-283-2333**

From: Lambert, Patrick (EC)
Sent: November 25, 2018 1:42 PM
To: Thomas, Graham (EC)

Cc: EC.O Agents de service SUST / ESTS Duty Officers O.EC
Subject: RE: water sampling plan

Hi Graham,

A review of the proposed sampling plan was undertaken. Six ESTS staff participated in the review in an effort to consider all the material and present these comments in a timely manner. We continue to have our own internal discussion on proposed options. We certainly are willing to discuss this further with you during the week. Our summary is presented below followed by the Background or documents we reviewed.

ESTS staff recognize the effort being put forth however, believe it is necessary to present the following comments. The objective of the sampling program is not clear in the information we reviewed. In our assessment of the documents, the proposed sampling location and laboratory analysis raise questions of concern. More specifically, the sampling location and the limits of detection in the analytical methods described in the documents.

At this time the oil has weathered and dissipated throughout the water column. It is anticipated that the concentration would be very low. A grab sample and analysis as described in the proposed plan, will only provide some indication of levels of hydrocarbons in the water at concentrations established in the EEM. The proposed sampling locations were restricted to the three areas where oil was observed on the sea surface. The observations were made several days ago. The probability that the oil is still in these locations in the water column is low. The laboratory analysis techniques, based on the information we were able to extract from the EEM and appendices, are GC/FID techniques. These techniques have limited detection limits and may not be sufficiently low enough to detect petroleum hydrocarbons in the water at this time.

Regardless, ECCC's ESTS will offer to provide additional laboratory support if it can assist in the overall effort. To do so it is recommended that a representative number of selected samples have about 1 L (if possible) of water set aside from the original 10L collected. The samples should be stored at 4C, then packaged and shipped to ESTS in Ottawa. There is a 7 day hold time for hydrocarbon analysis. ESTS can offer forensic fingerprinting analysis of water extract against our White Rose stock sample. Finally, a comment is to consider a sampling program that includes the top layer of bottom sediment around the incident site and along the transport path of the slick and if warranted, a water sampling program based on validated oil spill modelling outputs and observations.

Background

Documents reviewed by ESTS staff included;

1. Husky water sampling program 23-11-18 and accompanying email with support information as listed immediately below

2. Husky's EEM downloaded from the cnlopb website : Part 1 of 2
3. Husky's EEM sections of Part 2 Appendix D, Chemical Characterization of Seawater Samples; Appendix H, Sediment Chemistry Methods Summaries; section 6.0 Sample Collection
Atlantic RBCA, Guidelines for Laboratories Tier I and Tier II Petroleum Hydrocarbon Methods

Thanks for your kind assistance and we are always available to discuss .

Patrick Lambert

Head, Field Work & Response Unit

Telephone (613) 991-1110/ Facsimile (613) 991-9485/ Cell [REDACTED]

Chef, Interventions et du travail sur le terrain

Téléphone (613) 991-1110/ Télécopieur (613) 991-9485/ Cellulaire [REDACTED]

From: Thomas, Graham (EC)

Sent: November 23, 2018 2:49 PM

To: Jason Kelly (jason.kelly@dfo-mpo.gc.ca); Bret.Pilgrim@dfo-mpo.gc.ca; 'kyle.matheson@dfo-mpo.gc.ca'; Ronconi, Robert (EC); Wilhelm, Sabina (EC); Whittam, Becky (EC); EC.O Agents de service SUST / ESTS Duty Officers O.EC; 'Locke, Robert C (rlocke@gov.nl.ca)'; Haring, Peter (Ext.)

Cc: CNUE / NEEC (EC); 'osr@cnlopb.nl.ca'; Burley, Dave; Young, Elizabeth

Subject: FW: water sampling plan

Hello folks, please have a look at the attached proposed plan and provide your comments ASAP. I fully understand today is Friday but the plan is for sampling to start next week, the sooner any issues are identified the better.

Graham Thomas

Senior Officer, Preparedness and Response – Atlantic

National Environmental Emergencies Centre (NEEC) - Mount Pearl Office

Environmental Protection Operations Directorate

Environment and Climate Change Canada / Government of Canada

graham.thomas@canada.ca / Tel: 709-772-4285 / Cell : [REDACTED] / **Emergencies 24/7 : 1-866-283-2333**

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graham.thomas@canada.ca / Tél. : 709-772-4285 / Cell : [REDACTED] / **Urgences 24/7 : 1-866-283-2333**

From: Young, Elizabeth [mailto:EYoung@cnlopb.ca]

Sent: November 23, 2018 2:07 PM

To: Thomas, Graham (EC)

Cc: Burley, Dave

Subject: FW: water sampling plan

Good Afternoon Graham,

As we discussed this afternoon, the following Water Sampling Plan has been provided by Husky Energy.

Regards

Elizabeth

Page 1045

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LeBlanc, Brian (Acting AC, Atlantic Region)

From: Brooks, Robert
Sent: November 25, 2018 3:58 PM
To: Miller, Anne
Cc: LeBlanc, Brian (Acting AC, Atlantic Region)
Subject: Re: Update - Sunday 25th November 2018

Ack,
Thanks Anne

Sent from my iPhone

> On Nov 25, 2018, at 2:25 PM, Miller, Anne <Anne.Miller@dfo-mpo.gc.ca> wrote:

>

> FYI....following is an update on the Sea Rose response operation from C-NLOPB.

>

> Anne Miller

> Regional Director, Incident Management, Atlantic Region | Directrice

> Régionale, Gestion des incidents, Région de l'Atlantique Canadian

> Coast Guard | Garde côtière canadienne

>

> CCG Atlantic Region, Dartmouth Office | GCC, Région de l'Atlantique,

> Bureau de Dartmouth

> 50 Discovery Drive | 50 chemin Discovery PO Box 1000 | CP 1000

> Dartmouth N.S. | N.-É. B2Y 3Z8

>

> Téléphone | Telephone : 902-426-9022 Cell | Cellulaire :

> [REDACTED] Email | Courriel : Anne.Miller@dfo-mpo.gc.ca

>

>

> -----Original Message-----

> From: Yard, David C

> Sent: November-25-18 3:17 PM

> To: Miller, Anne

> Subject: Fw: Update - Sunday 25th November 2018

>

> Fyi Sea Rose update

>

> Sent from my BlackBerry 10 smartphone on the Bell network.

> Original Message

> From: Crann, Larry <Larry.Crann@dfo-mpo.gc.ca>

> Sent: Sunday, November 25, 2018 15:44

> To: Yard, David C

> Cc: English, Ambrose C; Grant, Robert; George, Terri Lynn

> Subject: Fw: Update - Sunday 25th November 2018

>

>

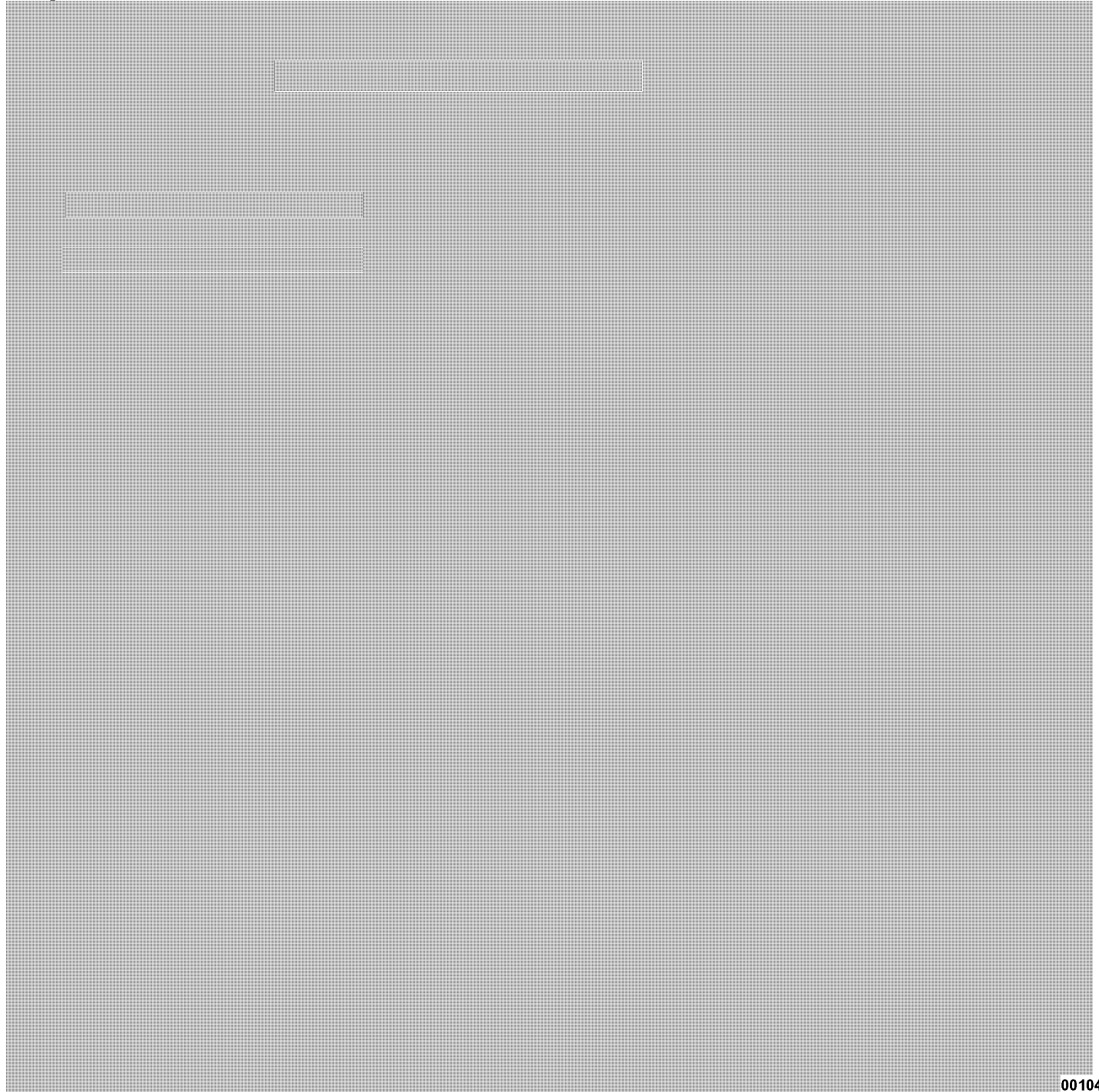
> FYI

>

s.19(1)

s.24(1)

> Sent from my BlackBerry 10 smartphone on the Bell network.
> Original Message
> From: Okeefe, Jeff <JOkeefe@cnlopb.ca>
> Sent: Sunday, November 25, 2018 15:41
> To: Tessier, Scott; Murphy, Tim; Burley, Dave; Thomas, Graham (EC);
> Crann, Larry; Taylor, Ken; Rideout, Lesley; Young, Elizabeth
> Subject: Fwd: Update - Sunday 25th November 2018
>
>
> Fyi
>
>
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24(1)

**of the Access to Information Act
de la Loi sur l'accès à l'information**

**Pages 1053 to / à 1058
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20(1)(b), 24(1)

**of the Access to Information Act
de la Loi sur l'accès à l'information**

Page 1059

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est retenue en vertu des articles**

19(1), 24(1)

**of the Access to Information Act
de la Loi sur l'accès à l'information**

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20(1)(b), 19(1), 24(1)

**of the Access to Information Act
de la Loi sur l'accès à l'information**

**Pages 1066 to / à 1081
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24(1)

**of the Access to Information Act
de la Loi sur l'accès à l'information**

Page 1082

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19(1), 24(1)

**of the Access to Information Act
de la Loi sur l'accès à l'information**

Page 1083

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20(1)(b), 24(1)

**of the Access to Information Act
de la Loi sur l'accès à l'information**

Pilgrim, Bret

From: Thomas, Graham (EC) <graham.thomas@canada.ca>
Sent: November-25-18 4:40 PM
To: Kelly, Jason; Whittam, Becky (EC); Ronconi, Robert (EC); Wilhelm, Sabina (EC)
Cc: Matheson, Kyle; Pilgrim, Bret
Subject: FW: water sampling plan
Attachments: atlanticrbca_guidelines_laboratories_jul-10_v3.pdf; eem2014pt2wr.pdf; Sediment Chemistry Methods.pdf; Seawater Chemical Characterization.pdf; Husky water sampling program 23_11_18.pdf

FYI, here are comments from ESTS on the proposed sampling program. I understand DFO do not have any additional comments if ECCC-CWS let me know today if possible.

Graham Thomas

Senior Officer, Preparedness and Response – Atlantic
 National Environmental Emergencies Centre (NEEC) - Mount Pearl Office
 Environmental Protection Operations Directorate
 Environment and Climate Change Canada / Government of Canada
graham.thomas@canada.ca / Tel: 709-772-4285 / Cell : [REDACTED] / **Emergencies 24/7 : 1-866-283-2333**

Agent principal, Préparation et intervention – Atlantique
 Centre national des urgences environnementales (CNUE) - Bureau de Mount Pearl
 Direction des activités de protection de l'environnement
 Environnement et Changement climatique Canada / Gouvernement du Canada
graham.thomas@canada.ca / Tél. : 709-772-4285 / Cell [REDACTED] / **Urgences 24/7 : 1-866-283-2333**

From: Lambert, Patrick (EC)
Sent: November 25, 2018 1:42 PM
To: Thomas, Graham (EC)
Cc: EC.O Agents de service SUST / ESTS Duty Officers O.EC
Subject: RE: water sampling plan

Hi Graham,

A review of the proposed sampling plan was undertaken. Six ESTS staff participated in the review in an effort to consider all the material and present these comments in a timely manner. We continue to have our own internal discussion on proposed options. We certainly are willing to discuss this further with you during the week. Our summary is presented below followed by the Background or documents we reviewed.

ESTS staff recognize the effort being put forth however, believe it is necessary to present the following comments. The objective of the sampling program is not clear in the information we reviewed. In our assessment of the documents, the proposed sampling location and laboratory analysis raise questions of concern. More specifically, the sampling location and the limits of detection in the analytical methods described in the documents.

At this time the oil has weathered and dissipated throughout the water column. It is anticipated that the concentration would be very low. A grab sample and analysis as described in the proposed plan, will only provide some indication of levels of hydrocarbons in the water at concentrations established in the EEM. The proposed sampling locations were restricted to the three areas where oil was observed on the sea surface. The observations were made several days ago.


The probability that the oil is still in these locations in the water column is low. The laboratory analysis techniques, based on the information we were able to extract from the EEM and appendices, are GC/FID techniques. These techniques have limited detection limits and may not be sufficiently low enough to detect petroleum hydrocarbons in the water at this time.

Regardless, ECCC's ESTS will offer to provide additional laboratory support if it can assist in the overall effort. To do so it is recommended that a representative number of selected samples have about 1 L (if possible) of water set aside from the original 10L collected. The samples should be stored at 4C, then packaged and shipped to ESTS in Ottawa. There is a 7 day hold time for hydrocarbon analysis. ESTS can offer forensic fingerprinting analysis of water extract against our White Rose stock sample. Finally, a comment is to consider a sampling program that includes the top layer of bottom sediment around the incident site and along the transport path of the slick and if warranted, a water sampling program based on validated oil spill modelling outputs and observations.

Background

Documents reviewed by ESTS staff included;

1. Husky water sampling program 23-11-18 and accompanying email with support information as listed immediately below

- 
2. Husky's EEM downloaded from the cnlopb website : Part 1 of 2
 3. Husky's EEM sections of Part 2 Appendix D, Chemical Characterization of Seawater Samples; Appendix H, Sediment Chemistry Methods Summaries; section 6.0 Sample Collection
Atlantic RBCA, Guidelines for Laboratories Tier I and Tier II Petroleum Hydrocarbon Methods

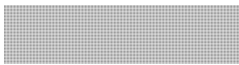
Thanks for your kind assistance and we are always available to discuss .

Patrick Lambert

Head, Field Work & Response Unit

Telephone (613) 991-1110/ Facsimile (613) 991-9485/ Cell 

Chef, Interventions et du travail sur le terrain

Téléphone (613) 991-1110/ Télécopieur (613) 991-9485/ Cellulaire 

From: Thomas, Graham (EC)**Sent:** November 23, 2018 2:49 PM**To:** Jason Kelly (jason.kelly@dfo-mpo.gc.ca); Bret.Pilgrim@dfo-mpo.gc.ca; 'kyle.matheson@dfo-mpo.gc.ca'; Ronconi, Robert (EC); Wilhelm, Sabina (EC); Whittam, Becky (EC); EC.O Agents de service SUST / ESTS Duty Officers O.EC; 'Locke, Robert C (rlocke@gov.nl.ca)'; Haring, Peter (Ext.)**Cc:** CNUE / NEEC (EC); 'osr@cnlopb.nl.ca'; Burley, Dave; Young, Elizabeth**Subject:** FW: water sampling plan

Hello folks, please have a look at the attached proposed plan and provide your comments ASAP. I fully understand today is Friday but the plan is for sampling to start next week, the sooner any issues are identified the better.

Graham Thomas

Senior Officer, Preparedness and Response – Atlantic

National Environmental Emergencies Centre (NEEC) - Mount Pearl Office

Environmental Protection Operations Directorate

Environment and Climate Change Canada / Government of Canada

graham.thomas@canada.ca / Tel: 709-772-4285 / Cell [REDACTED] / **Emergencies 24/7 : 1-866-283-2333**

Agent principal, Préparation et intervention – Atlantique

Centre national des urgences environnementales (CNUE) - Bureau de Mount Pearl

Direction des activités de protection de l'environnement

Environnement et Changement climatique Canada / Gouvernement du Canada

graham.thomas@canada.ca / Tél. : 709-772-4285 / Cell : [REDACTED] / **Urgences 24/7 : 1-866-283-2333**

From: Young, Elizabeth [mailto:EYoung@cnlopb.ca]**Sent:** November 23, 2018 2:07 PM**To:** Thomas, Graham (EC)**Cc:** Burley, Dave**Subject:** FW: water sampling plan

Good Afternoon Graham,

As we discussed this afternoon, the following Water Sampling Plan has been provided by Husky Energy.

Regards

Elizabeth

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19(1), 24(1)

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Atlantic RBCA

Guidelines for Laboratories

Tier I and Tier II

Petroleum Hydrocarbon Methods

Version 3.0

July, 2010

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are public-denied pursuant to section
est public-refusé en vertu de l'article**

68(a)

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de la Loi sur l'accès à l'information**

Page 1114

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24(1)

**of the Access to Information Act
de la Loi sur l'accès à l'information**

6.0 SAMPLE COLLECTION

6.1 Sediment Quality Component

The sediment quality portion of the White Rose EEM Program is conducted every two years, usually in late August/early September, from a suitable offshore supply vessel fitted with a temporary processing laboratory and supporting equipment. Sediment is collected using a large-volume corer (mouth diameter = 35.6 cm, depth = 61 cm) designed to mechanically take an undisturbed sediment sample over approximately 0.1 m² (0.0995 m²) of seabed (Figures 6-1). After collection, core samples are moved to a working area near the laboratory facility for processing. Oxidation and reduction potential (redox) and core temperature are recorded. A core photograph with station identifier is taken.

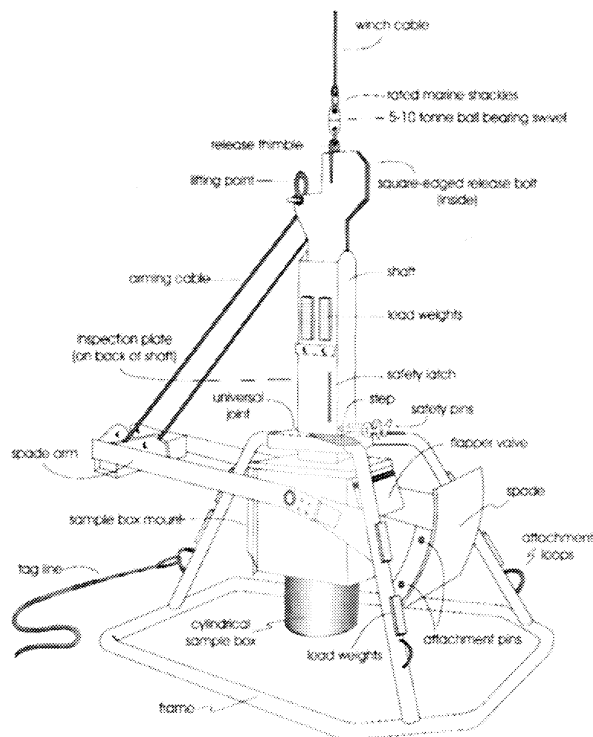


Figure 6-1 Sediment Corer Diagram

Sediment samples remain inside the core barrel until all sub-sampling for particle size, chemistry and toxicity is completed. Sediment sub-samples for particle size, chemistry and toxicity, as well as for archive, are taken from the centre portion of the core (away from the edges that come in contact with the core barrel). These samples are a composite from the top 3 cm of all three cores. All sediment samples are well compacted using the sub-sampling device. Between each scoop of sample, the sample jar is gently tapped on the bottom with the palm of the hand to further compact the soil to ensure that no settling occurs during storage (settling would lead to development of headspace in the jars, which would compromise tests on more volatile substances). Sediment samples collected for toxicity are collected from the top 7.5 cm of one core. After these

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Tremblett, Wanda

From: Guinchard, David W
Sent: November-25-18 8:01 AM
To: Yard, David C; Crann, Larry; Laidlaw, Keith
Subject: Morning Briefing

Good day,

- 1) Sea Rose FPSO - ER continuing to monitor. 5 birds taken to rehab, 2 died. Husky is expected to submit contingency plan for repairs on Monday.
- 2) P/C Beverly Gaie - ER crews conducted change over (Barry Hawkins, Mark Forsey, Blain Trainor out, Jon Parnham and Roma Barron in). ER crew conducting daily pumping ops to keep vessel stable (150 gallons removed on Saturday). Emergency contract completed to commence towing ops. Tow vessel departing Springdale this morning.
- 3) P/C Arch's Pride - Insurance rep reported that weather conditions were delaying response actions. Insurance rep also advised that work would most likely start on Monday.

Regards,
David Guinchard

Kelly, Jason

From: Kelly, Jason
Sent: November-25-18 4:33 PM
To: Thomas, Graham (EC)
Cc: Matheson, Kyle; Pilgrim, Bret
Subject: Re: water sampling plan

Graham

DFO does not have any comments specific to the sampling program. I'm assuming that Husky will continue to monitor for oil and marine mammals?

Jason

Sent from my BlackBerry 10 smartphone on the Bell network.

From: Thomas, Graham (EC)
Sent: Friday, November 23, 2018 4:20 PM
To: Kelly, Jason; Pilgrim, Bret; Matheson, Kyle; Ronconi, Robert (EC); Wilhelm, Sabina (EC); Whittam, Becky (EC); EC.O Agents de service SUST / ESTS Duty Officers O.EC; 'Locke, Robert C (rlocke@gov.nl.ca)'; Haring, Peter (Ext.)
Cc: CNUE / NEEC (EC); 'osr@cnlopb.nl.ca'; Burley, Dave; Young, Elizabeth
Subject: FW: water sampling plan

Hello folks, please have a look at the attached proposed plan and provide your comments ASAP. I fully understand today is Friday but the plan is for sampling to start next week, the sooner any issues are identified the better.

Graham Thomas

Senior Officer, Preparedness and Response – Atlantic
 National Environmental Emergencies Centre (NEEC) - Mount Pearl Office
 Environmental Protection Operations Directorate
 Environment and Climate Change Canada / Government of Canada
graham.thomas@canada.ca / Tel: 709-772-4285 / Cell : [REDACTED] **Emergencies 24/7 : 1-866-283-2333**

Agent principal, Préparation et intervention – Atlantique
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graham.thomas@canada.ca / Tél. : 709-772-4285 / Cell : [REDACTED] **Urgences 24/7 : 1-866-283-2333**

From: Young, Elizabeth [mailto:EYoung@cnlopb.ca]
Sent: November 23, 2018 2:07 PM
To: Thomas, Graham (EC)
Cc: Burley, Dave
Subject: FW: water sampling plan

Good Afternoon Graham,

s.19(1)
s.24(1)

As we discussed this afternoon, the following Water Sampling Plan has been provided by Husky Energy.
Regards
Elizabeth



Page 1124

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est retenue en vertu de l'article**

24(1)

**of the Access to Information Act
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Pilgrim, Bret

From: Whittam, Becky (EC) <becky.whittam@canada.ca>
Sent: November-25-18 10:35 AM
To: Paul Hounsell; Steve Bettles; Thomas, Graham (EC); 'Jokeefe@cnlopb.ca';
'KTaylor@cnlopb.ca'; 'Young, Elizabeth'; 'Burley, Dave'; 'Offshore_Spill_Response'; CNUE
/ NEEC (EC); Wilhelm, Sabina (EC); Ronconi, Robert (EC); Matheson, Kyle; Pilgrim, Bret;
mmoss@cnlopb.ca; dhicks@cnlopb.ca; shelleymoores@gov.nl.ca
Cc: RRMT General Mailbox; Trevor Pritchard; Gareth Igloliorte; Pete LeMessurier; Ed Antle;
Logistics STJ; Logistics - HGR; OIM Searose; MarineSuper Searose; Colleen McConnell
Subject: RE: Wildlife Observations for Nov 24

Hi Paul

I believe the report is missing the map of survey grids showing completed/in progress/planned. Can you please provide that prior to our call this morning?

Thanks a lot!

Becky

Becky Whittam

A/Manager, Wildlife Assessment and Protected Areas
Canadian Wildlife Service, Atlantic Region
Environment and Climate Change Canada / Government of Canada
Becky.whittam@canada.ca / Tel: +1-506-364-5189

Becky Whittam

Gestionnaire par intérim, évaluation de la faune et aires protégées
Service canadien de la faune, Région de l'Atlantique
Environnement et Changement climatique Canada / Gouvernement du Canada
Becky.whittam@canada.ca / Tél : +1-506-364-5189

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19(1), 24(1)

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Dumoulin, Isabelle

From: Brooks, Robert
Sent: November 25, 2018 2:28 PM
To: Tettamanti, Ryan; Moss, Derek; Gascon, Julie; Bisaillon, Annie; LeBlanc, Michèle (NCR);
Justice, Robert; Dumoulin, Isabelle; Brickett, JJ
Subject: Fwd: Update - Sunday 25th November 2018

Latest update below:

Sent from my iPhone


Begin forwarded message:

From: "Miller, Anne" <Anne.Miller@dfo-mpo.gc.ca>
Date: November 25, 2018 at 2:25:31 PM EST
To: "Brooks, Robert" <Robert.Brooks@dfo-mpo.gc.ca>, "LeBlanc, Brian (Acting AC, Atlantic Region)" <Brian.Leblanc@dfo-mpo.gc.ca>
Subject: FW: Update - Sunday 25th November 2018

FYI....following is an update on the Sea Rose response operation from C-NLOPB.

Anne Miller
Regional Director, Incident Management, Atlantic Region | Directrice Régionale, Gestion des incidents, Région de l'Atlantique
Canadian Coast Guard|Garde côtière canadienne

CCG Atlantic Region, Dartmouth Office | GCC, Région de l'Atlantique, Bureau de Dartmouth
50 Discovery Drive | 50 chemin Discovery
PO Box 1000 | CP 1000
Dartmouth N.S. | N.-É. B2Y 3Z8

Téléphone | Telephone : 902-426-9022
Cell | Cellulaire : 
Email | Courriel : Anne.Miller@dfo-mpo.gc.ca

-----Original Message-----

From: Yard, David C
Sent: November-25-18 3:17 PM
To: Miller, Anne
Subject: Fw: Update - Sunday 25th November 2018

Fyi Sea Rose update

Sent from my BlackBerry 10 smartphone on the Bell network.

Original Message

From: Crann, Larry <Larry.Crann@dfo-mpo.gc.ca>
Sent: Sunday, November 25, 2018 15:44

To: Yard, David C

Cc: English, Ambrose C; Grant, Robert; George, Terri Lynn

Subject: Fw: Update - Sunday 25th November 2018

FYI

Sent from my BlackBerry 10 smartphone on the Bell network.

Original Message

From: Okeefe, Jeff <JOkeefe@cnlopb.ca>

Sent: Sunday, November 25, 2018 15:41

To: Tessier, Scott; Murphy, Tim; Burley, Dave; Thomas, Graham (EC); Crann, Larry; Taylor, Ken; Rideout, Lesley; Young, Elizabeth

Subject: Fwd: Update - Sunday 25th November 2018

Fyi



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Pike, Kelly J

From: Pike, Kelly J
Sent: Monday, November 26, 2018 4:04 PM
To: Butler, Annette
Cc: Neary, Lynn; Finn, Ray; Edison, Margo
Subject: FW: RESPONSE REQUIRED - Weekly RDG call with MINO

Annette, see attached input for EM Branch.

Husky Spill update as of 11:00 am on November 26th

- On November 16, 2018 Husky Energy notified the National Environment Emergency Centre (NEEC of ECCC) of an oil slick coming from a pressurized flow line at White Rose oil field 350 km offshore. Husky Energy reported a worst case scenario volume release of 250 000 L.
- DFO received a notification from NEEC on November 16, 2018. DFO initially provided NEEC information on marine mammals and fish species expected in the area.
- Aerial surveys are conducted daily and oil sheen's have not been detected since November 17th.
- There are no commercial fisheries species currently being prosecuted the survey zone. Also, there are no Marine Protected Areas or identified Ecological and Biological Significant Areas in the vicinity.
- Wildlife surveys have identified a small number of oil birds (i.e. 18 as of Nov 23rd), however the occasional marine mammal (i.e. pod of porpoises and one whale as of Nov 23rd) spotted within the survey zone have not been identified as being impacted by oil.
- Husky Energy will be initiating a water quality sampling program this week and a plan for dealing with possible pollution incidents related to repairs to the subsea flowline system is being developed.
- DFO participates in daily briefing, led by NEEC, on the response activities and will be reviewing these plans to offer advice related to our responsibilities.

From: Butler, Annette <Annette.Butler@dfo-mpo.gc.ca>
Sent: Friday, November 23, 2018 5:38 PM
To: XNFL-RMC <xnflrmc@DFO-MPO.GC.CA>
Cc: Benson, Linda <Linda.Benson@dfo-mpo.gc.ca>; Boland, Corinne <Corinne.Boland@dfo-mpo.gc.ca>; Bonnell, Elaine <Elaine.Bonnell@dfo-mpo.gc.ca>; Brown, Stacie <Stacie.Brown@dfo-mpo.gc.ca>; Carroll, Marlene <Marlene.Carroll@dfo-mpo.gc.ca>; Cochrane, Kim <Kim.Cochrane@dfo-mpo.gc.ca>; Gorman, Krista L <Krista.Gorman@dfo-mpo.gc.ca>; Ivany, Zarinah <Zarinah.Ivany@dfo-mpo.gc.ca>; Keough, Brittany <Brittany.Keough@dfo-mpo.gc.ca>; Laplaige, Jennifer (Jenny) <Jennifer.Laplaige@dfo-mpo.gc.ca>; LeGrand, Ruth <Ruth.LeGrand@dfo-mpo.gc.ca>; Letto, Deanna <Deanna.Letto@dfo-mpo.gc.ca>; Neary, Lynn <Lynn.Neary@dfo-mpo.gc.ca>; Peddle, Pamela <Pamela.Peddle@dfo-mpo.gc.ca>; Pike, Kelly J <Kelly.Pike@dfo-mpo.gc.ca>; Pike, Marilyn <Marilyn.Pike@dfo-mpo.gc.ca>; Tobin, Joanne <Joanne.Tobin@dfo-mpo.gc.ca>
Subject: RESPONSE REQUIRED - Weekly RDG call with MINO
Importance: High

Good afternoon,

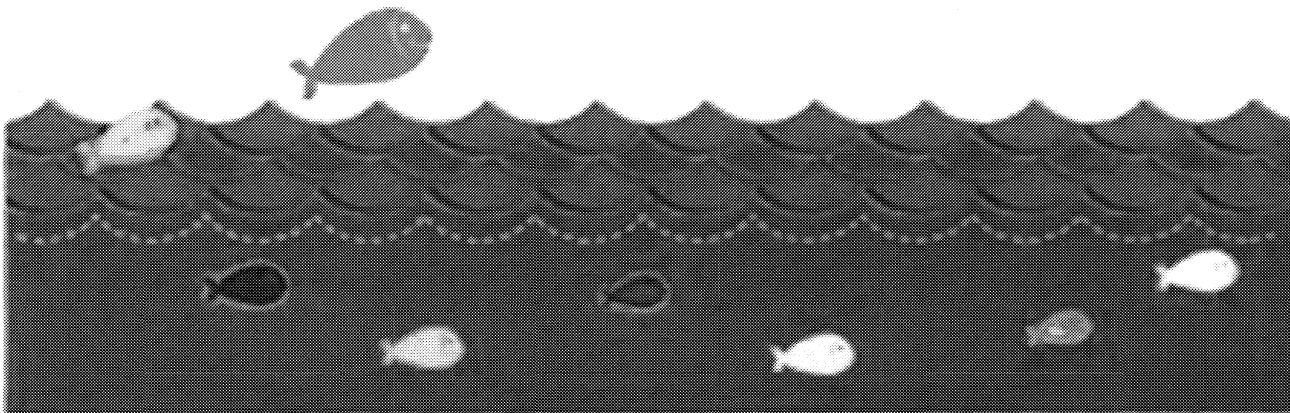
The RDG has a weekly call with the MINO scheduled for Wednesday, November 28, 2018.

Please advise if you have any items to bring forward for this call and if so, please include a brief summary with your submissions.

Deadline Date: Monday, November 26, 2018 - COB

Thank you,

Annette Butler
Executive Assistant to the Regional Director General
Fisheries and Oceans
Newfoundland and Labrador Region
Telephone: 709-772-4599
Cell: [REDACTED]
Email: Annette.Butler@dfo-mpo.gc.ca



Kelly, Jason

From: Kelly, Jason
Sent: November-26-18 3:14 PM
To: Pike, Kelly J
Cc: Edison, Margo
Subject: Re: RESPONSE REQUIRED - Weekly RDG call with MINO

Ok

I see what can be remove

Jason

Sent from my BlackBerry 10 smartphone on the Bell network.

From: Pike, Kelly J
Sent: Monday, November 26, 2018 2:54 PM
To: Kelly, Jason
Cc: Edison, Margo
Subject: FW: RESPONSE REQUIRED - Weekly RDG call with MINO

Jas, Ray is good with incl. this update.

He wondered if there is any room to condense the update?

From: Kelly, Jason <Jason.Kelly@dfo-mpo.gc.ca>
Sent: Monday, November 26, 2018 1:35 PM
To: Pike, Kelly J <Kelly.Pike@dfo-mpo.gc.ca>
Cc: Edison, Margo <Margo.Edison@dfo-mpo.gc.ca>
Subject: RE: RESPONSE REQUIRED - Weekly RDG call with MINO

Kelly, update on Husky spill as of Nov 26, 11am

Husky Spill update as of 11:00 am on November 26th

- Husky Energy's SeaRose Floating Production, Storage and Offloading (FPSO) vessel produces oil from the White Rose oil field located approximately 350km east-south east of the coast of Newfoundland.
- On Friday, November 16, 2018 Husky Energy notified the National Environment Emergency Centre (NEEC) of an oil slick coming from a pressurized flow line. Husky Energy reported a worst case scenario volume release of 250 000 L. A aerial survey reported a slick of approximately 1 mile.
- A notification from NEEC informing DFO of the incident was received in the evening of November 16, 2018. DFO initially provided NEEC information on marine mammals and fish species expected in the area

- DFO participates in daily briefing on the incident and response activities.
- Surveys completed on November 17th estimated the spill to be approximately 2445 litres.
- Oil sheen have not been detected since November 17th, however wildlife surveys continue identified oiled birds.
- Wildlife surveys have identified occasional marine mammal within the survey zone, however, none have been identified as being impacted by oil. Surveys will continue until sufficient data has been collected to assess potential impacts to wildlife.
- Fisheries Management confirmed there are no commercial fisheries species being prosecuted currently within the survey zone. Also, no commercial fishing vessels have been identified in the survey zone.
- There are no Marine Protected Areas or identified Ecological and Biological Significant Areas in the vicinity.
- Husky Energy will be initiating water quality sampling program during the week of November 26th
- Husky Energy is expected to submit a draft plan for dealing with possible pollution incidents related to repairs to the subsea flowline system
- DFO will be reviews these plans and will offer advice were related to our responsibilities

From: Pike, Kelly J

Sent: November-26-18 8:56 AM

To: Park, Laura; Powell, Shawna; Kelly, Jason; Yetman, Dana; Johnson, Roger; Griffiths, Helen

Cc: Bieger, Tilman; Edison, Margo; Finn, Ray; Snow, Stephen

Subject: FW: RESPONSE REQUIRED - Weekly RDG call with MINO

Importance: High

Good day,

For your input and/or Nil response before **2.00 pm today**

Kelly

From: Butler, Annette <Annette.Butler@dfo-mpo.gc.ca>

Sent: Friday, November 23, 2018 5:38 PM

To: XNFL-RMC <xnflrmc@DFO-MPO.GC.CA>

Cc: Benson, Linda <Linda.Benson@dfo-mpo.gc.ca>; Boland, Corinne <Corinne.Boland@dfo-mpo.gc.ca>; Bonnell, Elaine <Elaine.Bonnell@dfo-mpo.gc.ca>; Brown, Stacie <Stacie.Brown@dfo-mpo.gc.ca>; Carroll, Marlene <Marlene.Carroll@dfo-mpo.gc.ca>; Cochrane, Kim <Kim.Cochrane@dfo-mpo.gc.ca>; Gorman, Krista L <Krista.Gorman@dfo-mpo.gc.ca>; Ivany, Zarinah <Zarinah.Ivany@dfo-mpo.gc.ca>; Keough, Brittany <Brittany.Keough@dfo-mpo.gc.ca>; Laplaige, Jennifer (Jenny) <Jennifer.Laplaige@dfo-mpo.gc.ca>; LeGrand, Ruth <Ruth.LeGrand@dfo-mpo.gc.ca>; Letto, Deanna <Deanna.Letto@dfo-mpo.gc.ca>; Neary, Lynn <Lynn.Neary@dfo-mpo.gc.ca>; Peddle, Pamela <Pamela.Peddle@dfo-mpo.gc.ca>; Pike, Kelly J <Kelly.Pike@dfo-mpo.gc.ca>; Pike, Marilyn

<Marilyn.Pike@dfo-mpo.gc.ca>; Tobin, Joanne <Joanne.Tobin@dfo-mpo.gc.ca>

Subject: RESPONSE REQUIRED - Weekly RDG call with MINO

Importance: High

Good afternoon,

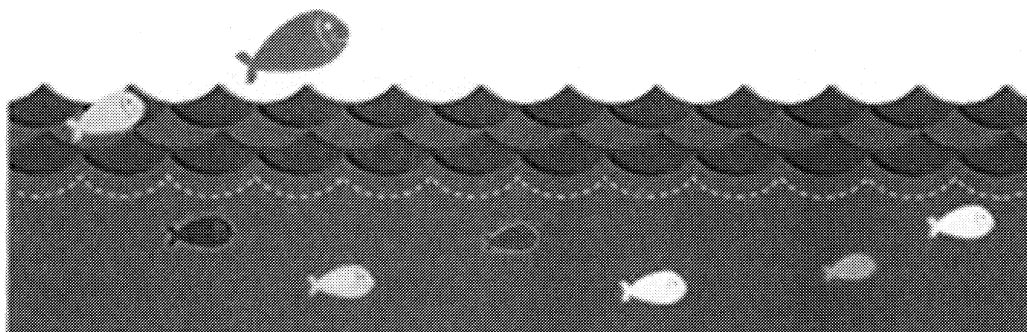
The RDG has a weekly call with the MINO scheduled for Wednesday, November 28, 2018.

Please advise if you have any items to bring forward for this call and if so, please include a brief summary with your submissions.

Deadline Date: Monday, November 26, 2018 - COB

Thank you,

Annette Butler
Executive Assistant to the Regional Director General
Fisheries and Oceans
Newfoundland and Labrador Region
Telephone: 709-772-4599
Cell: [REDACTED]
Email: Annette.Butler@dfo-mpo.gc.ca



Kelly, Jason

From: Kelly, Jason
Sent: November-26-18 3:42 PM
To: Pike, Kelly J
Cc: Edison, Margo
Subject: RE: RESPONSE REQUIRED - Weekly RDG call with MINO

Condensed as requested

Husky Spill update as of 11:00 am on November 26th

- On November 16, 2018 Husky Energy notified the National Environment Emergency Centre (NEEC of ECCC) of an oil slick coming from a pressurized flow line at White Rose oil field 350 km offshore. Husky Energy reported a worst case scenario volume release of 250 000 L.
- DFO received a notification from NEEC on November 16, 2018. DFO initially provided NEEC information on marine mammals and fish species expected in the area.
- Aerial surveys are conducted daily and oil sheen's have not been detected since November 17th.
- There are no commercial fisheries species currently being prosecuted the survey zone. Also, there are no Marine Protected Areas or identified Ecological and Biological Significant Areas in the vicinity.
- Wildlife surveys have identified a small number of oil birds (i.e. 18 as of Nov 23rd), however the occasional marine mammal (i.e. pod of porpoises and one whale as of Nov 23rd) spotted within the survey zone have not been identified as being impacted by oil.
- Husky Energy will be initiating a water quality sampling program this week and a plan for dealing with possible pollution incidents related to repairs to the subsea flowline system is being developed.
- DFO participates in daily briefing, led by NEEC, on the response activities and will be reviewing these plans to offer advice related to our responsibilities.

From: Pike, Kelly J
Sent: November-26-18 2:54 PM
To: Kelly, Jason
Cc: Edison, Margo
Subject: FW: RESPONSE REQUIRED - Weekly RDG call with MINO

Jas, Ray is good with incl. this update.

He wondered if there is any room to condense the update?

From: Kelly, Jason <Jason.Kelly@dfo-mpo.gc.ca>
Sent: Monday, November 26, 2018 1:35 PM

To: Pike, Kelly J <Kelly.Pike@dfo-mpo.gc.ca>
Cc: Edison, Margo <Margo.Edison@dfo-mpo.gc.ca>
Subject: RE: RESPONSE REQUIRED - Weekly RDG call with MINO

Kelly, update on Husky spill as of Nov 26, 11am

From: Pike, Kelly J
Sent: November-26-18 8:56 AM
To: Park, Laura; Powell, Shawna; Kelly, Jason; Yetman, Dana; Johnson, Roger; Griffiths, Helen
Cc: Bieger, Tilman; Edison, Margo; Finn, Ray; Snow, Stephen
Subject: FW: RESPONSE REQUIRED - Weekly RDG call with MINO
Importance: High

Good day,

For your input and/or Nil response before 2.00 pm today

Kelly

From: Butler, Annette <Annette.Butler@dfo-mpo.gc.ca>
Sent: Friday, November 23, 2018 5:38 PM
To: XNFL-RMC <xnflrmc@DFO-MPO.GC.CA>
Cc: Benson, Linda <Linda.Benson@dfo-mpo.gc.ca>; Boland, Corinne <Corinne.Boland@dfo-mpo.gc.ca>; Bonnell, Elaine <Elaine.Bonnell@dfo-mpo.gc.ca>; Brown, Stacie <Stacie.Brown@dfo-mpo.gc.ca>; Carroll, Marlene <Marlene.Carroll@dfo-mpo.gc.ca>; Cochrane, Kim <Kim.Cochrane@dfo-mpo.gc.ca>; Gorman, Krista L <Krista.Gorman@dfo-mpo.gc.ca>; Ivany, Zarinah <Zarinah.Ivany@dfo-mpo.gc.ca>; Keough, Brittany <Brittany.Keough@dfo-mpo.gc.ca>; Laplaige, Jennifer (Jenny) <Jennifer.Laplaige@dfo-mpo.gc.ca>; LeGrand, Ruth <Ruth.LeGrand@dfo-mpo.gc.ca>; Letto, Deanna <Deanna.Letto@dfo-mpo.gc.ca>; Neary, Lynn <Lynn.Neary@dfo-mpo.gc.ca>; Peddle, Pamela <Pamela.Peddle@dfo-mpo.gc.ca>; Pike, Kelly J <Kelly.Pike@dfo-mpo.gc.ca>; Pike, Marilyn <Marilyn.Pike@dfo-mpo.gc.ca>; Tobin, Joanne <Joanne.Tobin@dfo-mpo.gc.ca>
Subject: RESPONSE REQUIRED - Weekly RDG call with MINO
Importance: High

Good afternoon,

The RDG has a weekly call with the MINO scheduled for Wednesday, November 28, 2018.

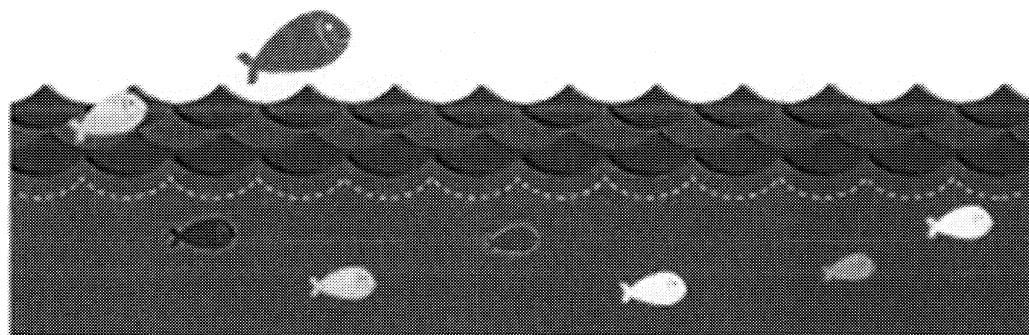
Please advise if you have any items to bring forward for this call and if so, please include a brief summary with your submissions.

Deadline Date: Monday, November 26, 2018 - COB

Thank you,

Annette Butler
Executive Assistant to the Regional Director General
Fisheries and Oceans

Newfoundland and Labrador Region
Telephone: 709-772-4599
Cell: [REDACTED]
Email: Annette.Butler@dfo-mpo.gc.ca



Fennelly, Stephanie

From: Crann, Larry
Sent: Monday, November 26, 2018 3:03 PM
To: Miller, Anne; Yard, David C; Brooks, Robert; Bisailon, Annie; Brickett, JJ; Fraser, Patrick;
 DiFranco, Sergio (NCR); Lebel, Mathieu
Subject: RE: Sea Rose

Good Afternoon,

- Husky reported the spill to the board at 250m3 or (250,000 liters)
- First surveillance flight 3,500 liters of oil observed
- Second surveillance flight 2,455 liters of oil observed
- Third surveillance flight 450 liters of oil observed
- No oil observed on other surveillance flights to date

Larry Crann

Deputy Superintendent | Surintendant Adjoint
 Environmental Response | Intervention Environnementale
 Canadian Coast Guard | Garde côtière canadienne
 P.O. Box 5667 St. John's, NL A1C 5X1 | C.P. 5667 Saint Jean, T-N A1C 5X1
Larry.Crann@dfo-mpo.gc.ca
 Telephone | Téléphone 709-772-3280
 Facsimile | Télécopieur 709-772-4066
 Cell | Cell [REDACTED]
 Government of Canada | Gouvernement du Canada

From: Miller, Anne
Sent: November-26-18 2:38 PM
To: Yard, David C; Crann, Larry
Subject: Fwd: Sea Rose

Please see the question below and respond to the whole group.
 Thanks, Anne

Sent from my iPhone

Begin forwarded message:

From: "Brooks, Robert" <Robert.Brooks@dfo-mpo.gc.ca>
Date: November 26, 2018 at 1:57:10 PM AST
To: "Bisailon, Annie" <Annie.Bisailon@dfo-mpo.gc.ca>, "Miller, Anne" <Anne.Miller@dfo-mpo.gc.ca>, "Brickett, JJ" <Jonathan.Brickett@dfo-mpo.gc.ca>, "Fraser, Patrick" <Patrick.Fraser@dfo-mpo.gc.ca>, "DiFranco, Sergio (NCR)" <Sergio.DiFranco@dfo-mpo.gc.ca>
Cc: "NCC / CCN (DFO/MPO)" <NCC-CCN.XNCR@dfo-mpo.gc.ca>, "Lebel, Mathieu" <Mathieu.Lebel@dfo-mpo.gc.ca>
Subject: Re: Sea Rose

Hi - are we talking total observed in the water since the incident with estimated 250M3 release?

Or totals recently - the last 4 or 5 flights have observed no oil on the surface.

Adding Anne Miller - if we have to give a more precise volume from previous sit reps. Actual volumes observed are very low on account of the severe weather which broke up the oil before observations could be recorded -

Sent from my iPhone

On Nov 26, 2018, at 12:39 PM, Bisailon, Annie <Annie.Bisailon@dfo-mpo.gc.ca> wrote:

Hi, DC ops is looking for the amount of oil observed in water for bullet points to MINO.

Can we get this as soon as possible?

Sent from my BlackBerry 10 smartphone on the Bell network.

Fennelly, Stephanie

From: Yard, David C
Sent: Monday, November 26, 2018 3:12 PM
To: Miller, Anne
Subject: Re: Sea Rose

Ok thx

Sent from my BlackBerry 10 smartphone on the Bell network.

From: Miller, Anne
Sent: Monday, November 26, 2018 14:37
To: Yard, David C
Subject: Re: Sea Rose

I'd say leave it as he responded b cause it is what we know and nothing extra. Hi understand our role.

Sent from my iPhone

On Nov 26, 2018, at 2:35 PM, Yard, David C <David.Yard@dfo-mpo.gc.ca> wrote:

That is a question that would be difficult to answer.

[REDACTED] we don't have full
picture what happened and what was on water. Only what we saw in 4 or 5 flights

Two options exist I believe:

We could say what we observed on the 4 or 5 flights we were on and qualify that we have no information on the initial surveillance when the spill happened or any or the other flights Husky conducted that we were not on.

Second option is ask Board what have they observed in amounts is safest option recognizing that are still assessing how much was released.

Let me know what u think.

Sent from my BlackBerry 10 smartphone on the Bell network.

From: Miller, Anne
Sent: Monday, November 26, 2018 14:07
To: Yard, David C; Crann, Larry
Subject: Fwd: Sea Rose

Please see the question below and respond to the whole group.
Thanks, Anne

Sent from my iPhone

Begin forwarded message:

From: "Brooks, Robert" <Robert.Brooks@dfo-mpo.gc.ca>
Date: November 26, 2018 at 1:57:10 PM AST
To: "Bisaillon, Annie" <Annie.Bisaillon@dfo-mpo.gc.ca>, "Miller, Anne" <Anne.Miller@dfo-mpo.gc.ca>, "Brickett, JJ" <Jonathan.Brickett@dfo-mpo.gc.ca>, "Fraser, Patrick" <Patrick.Fraser@dfo-mpo.gc.ca>, "DiFranco, Sergio (NCR)" <Sergio.DiFranco@dfo-mpo.gc.ca>
Cc: "NCC / CCN (DFO/MPO)" <NCC-CCN.XNCR@dfo-mpo.gc.ca>, "Lebel, Mathieu" <Mathieu.Lebel@dfo-mpo.gc.ca>
Subject: Re: Sea Rose

Hi - are we talking total observed in the water since the incident with estimated 250M3 release?

Or totals recently - the last 4 or 5 flights have observed no oil on the surface.

Adding Anne Miller - if we have to give a more precise volume from previous sit reps. Actual volumes observed are very low on account of the severe weather which broke up the oil before observations could be recorded -

Sent from my iPhone

On Nov 26, 2018, at 12:39 PM, Bisaillon, Annie <Annie.Bisaillon@dfo-mpo.gc.ca> wrote:

Hi, DC ops is looking for the amount of oil observed in water for bullet points to MINO.

Can we get this as soon as possible?

Sent from my BlackBerry 10 smartphone on the Bell network.

Fennelly, Stephanie

From: Yard, David C
Sent: Monday, November 26, 2018 10:51 AM
To: Crann, Larry
Subject: Re: SeaRose FPSO Update

Thx Larry

Sent from my BlackBerry 10 smartphone on the Bell network.

From: Crann, Larry
Sent: Monday, November 26, 2018 10:13
To: Yard, David C
Subject: FW: SeaRose FPSO Update

Hey,

Just sent the below to Anne,

Larry Crann

A/Deputy Superintendent | Surintendant Adjoint
Environmental Response | Intervention Environnementale
Canadian Coast Guard | Garde côtière canadienne
P.O. Box 5667 St. John's, NL A1C 5X1 | C.P. 5667 Saint Jean, T-N A1C 5X1
Larry.Crann@dfo-mpo.gc.ca
Telephone | Téléphone 709-772-3280
Facsimile | Télécopieur 709-772-4066
Cell | Cell [REDACTED]
Government of Canada | Gouvernement du Canada

From: Crann, Larry
Sent: November-26-18 10:43 AM
To: Miller, Anne
Subject: SeaRose FPSO Update

Anne,

Update below.

- The C-NLOPB continuing to investigate incident.
- ECCC- NEEC remains in close daily contact with the C-NLOPB
- Daily ROV inspections by Husky continue of the weak link and all subsea connections (source of November 16 release)
- Daily monitoring for signs of oil on the surface at the location of the November 16th release continue.
- No new reports of surface oil reported.

- No new observations of oiled wildlife
- A second Single Vessel Side Sweep (SVSS) containment and recovery system has been deployed offshore as plans are under development for the recovery of the weak link from the sea bed.
- Husky Energy is in the process of installing Oil Spill Detection Radar on all vessels monitoring this incident, to increase their detection capacity.
- ECCC-Emergencies Science and Technology Section has completed a review of the proposed Husky Energy water sampling program. Comments have been supplied to the C-NLOPB.
- CCG remains in close contact with the board to provide assistance for aerial surveillance and/or plan reviews from Husky

Larry Crann

A/Deputy Superintendent | Surintendant Adjoint

Environmental Response | Intervention Environnementale

Canadian Coast Guard | Garde côtière canadienne

P.O. Box 5667 St. John's, NL A1C 5X1 | C.P. 5667 Saint Jean, T-N A1C 5X1

Larry.Crann@dfo-mpo.gc.ca

Telephone | Téléphone 709-772-3280

Facsimile | Télécopieur 709-772-4066

Cell | Cell [REDACTED]

Government of Canada | Gouvernement du Canada

Fennelly, Stephanie

From: Crann, Larry
Sent: Tuesday, November 27, 2018 1:18 PM
To: Yard, David C
Subject: FW: SWRX Mitigation Plan
Attachments: SWRX Secondary Spill Response Plan (SX-HSE-PL-0001) 2018-11-26.pdf

FYI

Larry Crann

A/Deputy Superintendent | Surintendant Adjoint
Environmental Response | Intervention Environnementale
Canadian Coast Guard | Garde côtière canadienne
P.O. Box 5667 St. John's, NL A1C 5X1 | C.P. 5667 Saint Jean, T-N A1C 5X1
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Government of Canada | Gouvernement du Canada

Page 1146

**is withheld pursuant to sections
est retenue en vertu des articles**

16(2), 19(1), 24(1)

**of the Access to Information Act
de la Loi sur l'accès à l'information**

Page 1147

**is withheld pursuant to sections
est retenue en vertu des articles**

24(1), 19(1)

**of the Access to Information Act
de la Loi sur l'accès à l'information**

LeBlanc, Brian (Acting AC, Atlantic Region)

From: Miller, Anne
Sent: November 26, 2018 11:21 AM
To: MSOC-East / COSM-Est (DFO/MPO)
Cc: Yard, David C; LeBlanc, Brian (Acting AC, Atlantic Region)
Subject: Fwd: Incident SITREP #009 ER, FPSO Sea Rose - 250 Cubic Meters Crude Oil Spill

Please distribute the attached sitrep.

Thanks, Anne

Sent from my iPhone

Begin forwarded message:

From: "Yard, David C" <David.Yard@dfo-mpo.gc.ca>
Date: November 26, 2018 at 10:47:38 AM AST
To: "Miller, Anne" <Anne.Miller@dfo-mpo.gc.ca>
Subject: Incident SITREP #009 ER, FPSO Sea Rose - 250 Cubic Meters Crude Oil Spill

1. CCG Region/Incident Name: Sea Rose FPSO release
estimated at 250 cubic meters of crude
2. Incident Category/Type: Marine ER Type 4
3. Date/Time: November 26, 16:30hrs
4. Primary Department(s)/Agency(s): C-NLOPB
5. Supporting Departments/Agencies: ECCC, CCG, CWS
6. Regional Location: Atlantic
 - a. Province/Territory: Newfoundland and Labrador
 - b. City: N/A
 - c. Amplifying location: Sea Rose FPSO, White Rose Oil
Field.

7. Current Situation: The C-NLOPB is continuing to investigate the incident. ECCC- NEEC remains in close daily contact with the C-NLOPB. Daily ROV inspections by Husky continue on the weak link and all subsea connections (source of November 16 release). Daily monitoring for signs of oil on the surface at the location of the November 16th release continue. No new reports of surface oil reported and no new observations of oiled wildlife. A second Single Vessel Side Sweep (SVSS) containment and recovery system has been deployed offshore as plans are under development for the recovery of the weak link from the sea bed. Husky Energy is in the process of installing Oil Spill Detection Radars on all vessels monitoring this incident, to increase their detection capacity. ECCC-Emergencies Science and Technology Section has completed a review of the proposed Husky Energy water sampling program. Comments have been supplied to the C-NLOPB. CCG remains in close contact with the board to provide assistance for aerial surveillance and/or response plan reviews received from Husky.

8. Actions Taken: CCG remains in close contact with the board to provide assistance as required.

Current Actions (other): Husky is in the process of preparing a detailed plan on the procedure for removing and replacing damaged weak link (pipe). Husky is also preparing a response plan in the event of a release of 85 cubic meters crude in the damaged pipe. The response plan is to include, ships (response and dive support) , sweep systems, bird/mammal observers and surveillance monitoring. Husky Energy has hired Tri-State Bird Rescue & Research Inc to assist with wildlife rehabilitation efforts in St. John's , NL. Staff from Tri-State Bird Rescue have been integrated into the rehabilitation facility and their operations to supplement local capacity.

9. Media/Public Communications: High media interest.

10. Activities Next 24 Hours: CCG ER will remain in contact with C-NLOPB to assist with any Resource Agency requests as required.

11. Environmental Factors: Weather on site could possibly affect aircraft or vessel surveys.

12. Significant Issues: N/A

13. Personnel Status: 3 CCG ER Personnel

14. Equipment Status: Industry – Surveillance Aircraft (PAL), three OSV's – Skandi Vinland ROV Operations on site for subsurface assessment, Maersk Dispatcher – Wildlife Observer and Spill Surveillance, Atlantic Hawk – Safety Stand-by and regular surveillance sweeps.

15. New Requirements: N/A

16. Command Assessment: Continue to monitor incident for further developments and respond to any requests for support from C-NLOPB as required.

17. Next SITREP: When there is a significant change or event.

LeBlanc, Brian (Acting AC, Atlantic Region)

From: MSOC-East / COSM-Est (DFO/MPO)
Sent: November 26, 2018 11:24 AM
To: DFO.F CCG Nat Incidents / Incidents Nat GCC F.MPO
Subject: Incident SITREP #009 ER, FPSO Sea Rose - 250 Cubic Meters Crude Oil Spill

Subject: Incident SITREP #009 ER, FPSO Sea Rose - 250 Cubic Meters Crude Oil Spill

1. CCG Region/Incident Name: Sea Rose FPSO release estimated at 250 cubic meters of crude
2. Incident Category/Type: Marine ER Type 4
3. Date/Time: November 26, 16:30hrs
4. Primary Department(s)/Agency(s): C-NLOPB
5. Supporting Departments/Agencies: ECCC, CCG, CWS
6. Regional Location: Atlantic
 - a. Province/Territory: Newfoundland and Labrador
 - b. City: N/A
 - c. Amplifying location: Sea Rose FPSO, White Rose Oil Field.
7. Current Situation: The C-NLOPB is continuing to investigate the incident. ECCC- NEEC remains in close daily contact with the C-NLOPB. Daily ROV inspections by Husky continue on the weak link and all subsea connections (source of November 16 release). Daily monitoring for signs of oil on the surface at the location of the November 16th release continue. No new reports of surface oil

reported and no new observations of oiled wildlife. A second Single Vessel Side Sweep (SVSS) containment and recovery system has been deployed offshore as plans are under development for the recovery of the weak link from the sea bed. Husky Energy is in the process of installing Oil Spill Detection Radars on all vessels monitoring this incident, to increase their detection capacity. ECCC-Emergencies Science and Technology Section has completed a review of the proposed Husky Energy water sampling program. Comments have been supplied to the C-NLOPB. CCG remains in close contact with the board to provide assistance for aerial surveillance and/or response plan reviews received from Husky.

8. Actions Taken: CCG remains in close contact with the board to provide assistance as required.

Current Actions (other): Husky is in the process of preparing a detailed plan on the procedure for removing and replacing damaged weak link (pipe). Husky is also preparing a response plan in the event of a release of 85 cubic meters crude in the damaged pipe. The response plan is to include, ships (response and dive support) , sweep systems, bird/mammal observers and surveillance monitoring. Husky Energy has hired Tri-State Bird Rescue & Research Inc to assist with wildlife rehabilitation efforts in St. John's , NL. Staff from Tri-State Bird Rescue have been integrated into the rehabilitation facility and their operations to supplement local capacity.

9. Media/Public Communications: High media interest.

10. Activities Next 24 Hours: CCG ER will remain in contact with C-NLOPB to assist with any Resource Agency requests as required.

11. Environmental Factors: Weather on site could possibly affect aircraft or vessel surveys.

12. Significant Issues: N/A

13. Personnel Status: 3 CCG ER Personnel

14. Equipment Status: Industry – Surveillance Aircraft (PAL), three OSV's – Skandi Vinland ROV Operations on site for subsurface assessment, Maersk Dispatcher – Wildlife Observer and Spill Surveillance, Atlantic Hawk – Safety Stand-by and regular surveillance sweeps.

15. New Requirements: N/A

16. Command Assessment: Continue to monitor incident for further developments and respond to any requests for support from C-NLOPB as required.

17. Next SITREP: When there is a significant change or event.

Maritime Security Officer / Agent de sécurité maritime Canadian Coast
Guard / Garde côtière canadienne Marine Security Operations Centre -
East / Centre d'opérations de la sécurité maritime – Est CFB Halifax /
BFC Halifax Building D-201 / Bâtiment D-201
2737 Provo Wallis Street
PO Box 99000 Stn Forces / PO Box 99000 Succ Forces Halifax, Nova
Scotia, Canada B3K 5X5 msoceast@dfo-mpo.gc.ca Telephone /
Téléphone: (902) 427-0662 Fax / Télécopieur: (902) 427-7841 Secure
Telephone/Fax / Téléphone/Télécopieur Sûr: (902) 427-2987
Government of Canada / Gouvernement du Canada

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Annibalini, Sara

From: Spurrell, Wade
Sent: Monday, November 26, 2018 2:04 PM
To: Anderson, Randi A; Blewett, Catherine; Choeurng, Stephanie; Des Rosiers, Marie-Pascale; Garner, Danica; Lacombe, Barry; Lubczuk, Jocelyn; Mitchell, Laura; Mullan-Boudreau, Caitlin; O'Grady, Samantha; O'Halloran, Mark; Simons, Fiona; Tran, Thi; Wilkinson, Jonathan; Windsor, Victoria; Young, George
Cc: Lebel, Mathieu; Butcher, Ashley; Gascon, Julie; Hill, Johanna; Hirani, Samia; Hutchinson, Jeffery; Kahn, Zoe; Mackenzie, Joey; Trudeau, Miriam
Subject: FW: Incident SITREP #009 ER, FPSO Sea Rose - 250 Cubic Meters Crude Oil Spill

Update:

- The C-NLOPB (the Board) is continuing to investigate the incident. Federal partners remain in close daily contact with the Board. Daily ROV inspections by Husky continue on the weak link and all subsea connections.
- Daily monitoring for signs of oil on the surface at the location of the November 16th release continue.
- No new reports of surface oil reported and no new observations of oiled wildlife.
- Husky is in the process of preparing a detailed plan on the procedure for removing and replacing damaged weak link (pipe). Husky is also preparing a response plan in the event of a release of 85 cubic meters crude still in the damaged pipe.
- The response plan is to include, ships (response and dive support) , sweep systems, bird/mammal observers and surveillance monitoring.
- Husky Energy has hired contractors to assist with wildlife rehabilitation efforts in St. John's, NL.
- Coast Guard continues to monitor incident for further developments and is ready to respond to any requests for support from the Board as required.

Annibalini, Sara

From: NCC / CCN (DFO/MPO)
Sent: Monday, November 26, 2018 6:12 PM
To: Amelin, Vasili; Atchison, Chris; Bisaillon, Annie; Brooks, Robert; Dugal, Jean-Luc; Dussault, Sheyla; Gascon, Julie; Harvey, Clifford; Haubert, Marie-Christine; Hill, Johanna; Hutchinson, Jeffery; Ivany, Gary; Lapointe, Marie-Andrée; Lebel, Mathieu; Lipohar, Peter; Lockhart, Tara; Mackenzie, Joey; Main Ops Officer / Agent principal des Ops (DFO/MPO); Montreal Ops / Ops Montréal (DFO/MPO); Morelli, Carolyn; Morphet, Jason (NCR); Moss, Derek; NCC / CCN (DFO/MPO); Olson, Kathleen; Pelchat, Isabelle; Pelletier, Mario; Perry, Nigel; 'peter.lipohar@forces.gc.ca'; Richardson, John; CCG ATL ROC / COR ATL GCC (DFO/MPO); ROC1 / COR1 (DFO/MPO); Ryan, Sam; Sanderson, Marc; Smith, Fiona; St-Onge, Emilie; Tettamanti, Ryan; Trudeau, Miriam; Western ROC Superintendent \ Surintendant ROC Ouest (DFO/MPO); Wight, Robert; Wyse, David E
Cc: NCC / CCN (DFO/MPO)
Subject: NCC Evening Operations Update November 26

Good evening,

Please find below an update following this morning's OPS brief. Information is valid as of 18:00 EST. The complete NCC OPS Written Brief for November 27 will be sent out tomorrow morning.

FYI -

FISHERIES – LOBSTER FISHING AREAS 33/34 DUMPING DAY – SOUTHWEST NS

After a weather call today, it was decided that LFA 33 and 34 will not open on Wednesday. Concerns were the expected swell based on the strong NE winds over the next few days. They will conduct another weather call Wednesday morning to determine the opening day. Current forecasts would indicate a potential opening on Friday. Sir Wilfred Grenfell is off the coast of NS, on route to area.

UPDATES TO ONGOING INCIDENTS – 4

IT/IM – 200 KENT STREET DATA CENTER OUTAGE – OTTAWA, ON

On November 24, 2018/1745 UTC, ROC ATL was advised by NCC on an Outage of Microsoft Outlook exchange affecting Coast Guard National Capital Region and Central and Arctic Region who are unable to send and receive e-mails. The outage also affected MSOC East and West e-mail capabilities. Approximately 4 hours later, e-mail capabilities were restored. The source of the outage was the 200 Kent Street Data Center being down. Shared Service Canada (SSC) was on site Saturday.

Update: Critical applications are running. This was apparently a test to assess impacts of a planned shut down next week that is required to replace the glycol from the leak that happened in the summer. This may mean additional issues this coming weekend as well.

ER – CCGS CORPORAL MCLAREN PARTIALLY SUBMERGED – SAMBRO, NS

Recap: November 17, the CCGS Corporal McLaren was reported partially submerged in the water after slipping off the cradle during refit in Sambro, NS. Halifax Regional Police and RCMP are investigating the incident. The Incident Command Post (ICP) was stood up November 19. CME is the responsible party, and CCG the lead agency. On November 25th (Sunday) pumping operations began, but has to be stopped shortly after due to suction hose problems. A second pumping operation was attempting later that day, but the vessel did not

react as planned, so they halted operations. Actions to stabilize the vessel were taken. A new model and salvage plan will have to be worked on by naval architects. Mechanical assistance in the form of cables and air bags are being incorporated into the salvage plan. Sambro Cutter and FRC on standby to assist in containment booming. After the vessel is secured and pumped, the vessel will undergo a damage assessment. 24 hour safety and security detail will be assigned.

Update: Yesterday afternoon, they started pumping the forward hold. Today, at the end of the day, pumping is continuing on the aft compartments. The SITREP is deferred until end of operations this evening.



ER – SEAROSE FPSO CRUDE OIL SPILL – OFFSHORE NL

Recap: November 16, the SEAROSE FPSO (Floating Production, Storage, and Offloading) reported losing approximately 250m³ of crude oil. CCG ER contacted C-NLOPB (Canada-Newfoundland and Labrador Offshore Petroleum Board), the Lead Agency, who is working with the owner/operator, Husky Energy. On November 19, an ROV survey identified the source of the release as a disconnected weak link and the Memorandum Of Understanding (MOU) between CCG and C-NLOPB was officially activated. Several overflights have found no signs of the crude oil release, some oiled birds have been identified and treated and Husky Energy has shut down their Incident Command Post. ECCC-CWS remain fully engaged with Husky Energy and the C-NLOPB regarding wildlife impacts. No further role likely for CCG. 83m³ of crude oil remaining in line. Anticipated timeline is 2-3 weeks (Mid December) for development of the response plan and repair solution for the damaged pipe.

Update: A second Single Vessel Side Sweep (SVSS) containment and recovery system has been deployed offshore as plans are under development for the recovery of the weak link from the sea bed. Husky Energy is in the process of installing Oil Spill Detection Radars on all vessels monitoring this incident, to increase their detection capacity. ECCC-Emergencies Science and Technology Section has completed a review of the proposed Husky Energy water sampling program. Comments have been supplied to the C-NLOPB. CCG remains in close contact with the board to provide assistance for aerial surveillance and/or response plan reviews received from Husky.

ER – VESSEL SUNK AT WHARF – CORNERBROOK, NL

Recap: On November 6, 50-ft pleasure craft **Beverly Gae** sank at the wharf in Cornerbrook, NL. CCG ER removed recoverable pollutants. CCG ER working to develop a plan to tow vessel to deconstruction site to eliminate threat pollution [REDACTED] contract was issued for tow of vessel. Tug departed Springdale, NL 25/0930 NST but had to proceed to safe anchorage to shelter from weather. Acceptance of vessel at Port Saunders confirmed, ETA later this week.

Update: Tug departed Snook's Arm NL for Summerside Nov 26/0730 NST. ER personnel will continue dewatering operations as required. Awaiting quote for removal from water and deconstruction of vessel.

CCG ASSETS

Griffon (AtoN) – Québec City, Qc –Gyro has been fixed, the ship is now operational.

FLEET READINESS CHANGES

Atlantic region moved from Blue to Yellow. This is due to several vessels being non-operational which has impacted all of the fleet programs.

Regards,

Marie-Michelle Bélanger
Operations Officer | Officier des opérations
National Command Centre (NCC) | Centre de commandement national (CCN)
Canadian Coast Guard | Garde côtière canadienne
200 Kent Street, 7E310j | 200 rue Kent, 7E310j Ottawa, Ontario, K1A 0E6
Tel: (613) 998-1497 Fax: (613) 991-9000
Email: Marie-Michelle.Belanger@dfo-mpo.gc.ca

Mills, Becky

From: Miller, Anne
Sent: November-26-18 10:17 AM
To: LeBlanc, Brian (Acting AC, Atlantic Region)
Subject: Fwd: SeaRose FPSO Update

FYI and I've forwarded to Robert. Will discuss with him later this am.

Sent from my iPhone

Begin forwarded message:

From: "Crann, Larry" <Larry.Crann@dfo-mpo.gc.ca>
Date: November 26, 2018 at 10:12:44 AM AST
To: "Miller, Anne" <Anne.Miller@dfo-mpo.gc.ca>
Subject: SeaRose FPSO Update

Anne,

Update below.

- The C-NLOPB continuing to investigate incident.
- ECCC- NEEC remains in close daily contact with the C-NLOPB
- Daily ROV inspections by Husky continue of the weak link and all subsea connections (source of November 16 release)
- Daily monitoring for signs of oil on the surface at the location of the November 16th release continue.
- No new reports of surface oil reported.
- No new observations of oiled wildlife
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- CCG remains in close contact with the board to provide assistance for aerial surveillance and/or plan reviews from Husky

Larry Crann
A/Deputy Superintendent | Surintendant Adjoint

Mills, Becky

From: Brooks, Robert
Sent: November-26-18 10:25 AM
To: Miller, Anne
Subject: Re: SeaRose FPSO Update

Follow Up Flag: Flag for follow up
Flag Status: Flagged

Thanks Anne - no worries and no need for a call unless you feel necessary or something changes today- thanks for the written update.

Wishing everyone a good day in Atl!

R

Sent from my iPhone

On Nov 26, 2018, at 9:15 AM, Miller, Anne <Anne.Miller@dfo-mpo.gc.ca> wrote:

Hi Robert,
Still in calls re: MacLaren refloating but he following is an update on the FPSO response.
A

Sent from my iPhone

Begin forwarded message:

From: "Crann, Larry" <Larry.Crann@dfo-mpo.gc.ca>
Date: November 26, 2018 at 10:12:44 AM AST
To: "Miller, Anne" <Anne.Miller@dfo-mpo.gc.ca>
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Larry Crann

A/Deputy Superintendent | Surintendant Adjoint
Environmental Response | Intervention Environnementale
Canadian Coast Guard | Garde côtière canadienne
P.O. Box 5667 St. John's, NL A1C 5X1 | C.P. 5667 Saint Jean, T-N A1C 5X1
Larry.Crann@dfo-mpo.gc.ca
Telephone | Téléphone 709-772-3280
Facsimile | Télécopieur 709-772-4066
Cell | Cell [REDACTED]
Government of Canada | Gouvernement du Canada

Kelly, Jason

From: Kelly, Jason
Sent: November-26-18 11:53 AM
To: Pilgrim, Bret
Subject: RE: Searose Update

That's great Bret thanks

jas

From: Pilgrim, Bret
Sent: November-26-18 11:52 AM
To: Kelly, Jason
Subject: Searose Update

Jason,

Please see the bullets below for your review. I also attached the survey zone as I made mention on if in the bullets.

Bret

- Husky Energy's Searose Floating Production, Storage and Offloading (FPSO) vessel produces oil from the White Rose oil field located approximately 350km east-south east of the coast of Newfoundland. On Friday, November 16, 2018 Husky Energy notified the National Environment Emergency Centre (NEEC) of an oil slick coming from a pressurized flow line. Husky Energy reported a worst case scenario volume release of 250 cubic meters. An overflight reported a slick of approximately 1 mile. The volume of the release continues to be assessed.
- A notification from NEEC informing DFO of the incident was received in the evening of November 16, 2018. DFO continues to work with appropriate parties to provide advice on mitigating the potential impacts on fish, fish habitat and fisheries resources.
- Estimates completed on Nov. 17 for surveyed oil sheens estimated approximately 2445 litres. Vessel and aerial surveys have detected no surface oil since Nov 17, however wildlife surveys continue to be identified oiled birds.
- DFO participates in daily briefing on the incident and response activities.
- On-going aerial and vessel wildlife surveys have identified occasional marine mammal within the survey zone, however, none have been identified as being impacted by oil.
- Fisheries Management confirmed there are currently no commercial fisheries species being prosecuted within the survey zone. No commercial fishing vessels have been identified in the survey zone.
- There are no Marine Protected Areas or identified Ecological and Biological Significant Areas in the vicinity.
- Wildlife surveys continue to gather data using six vessels and daily surveillance flights. Surveys will continue until sufficient data has been collected to assess potential impacts to wildlife.

INCIDENT CHRONOLOGICAL OVERVIEW

Nov. 16:

- DFO received notification of the incident from the NEEC

Nov. 17:

- DFO in direct contact with NEEC to receive updated information and determine if a DFO resources at risk analysis is required.

Nov 18:

- Canada – Newfoundland and Labrador Offshore Petroleum Board (C-NLOPB) on November 18, 2018 announced they are beginning a formal investigation into the root cause of incident.

Nov. 19:

- DFO participated in first daily briefing on the incident and response activities.
- DFO reviewed and provided comments on the Wildlife Response Plan.
- DFO provided NEEC with preliminary information on marine mammal and penniped activity in the vicinity of the Searose
- The ROV survey identified the source of the release as a disconnected weak link. Plans are being developed to recover the connection for further investigation, and to respond to any residual product which may remain in the pipe if it were to be released. Daily ROV inspections of the weak link continue.

Nov. 20:

- DFO participated in daily briefing on the incident and response activities.
- EIC provided the DFO Newfoundland & Labrador Environmental Incident Team with an update on the incident.

Nov 21:

- DFO participated in daily briefing on the incident and response activities.
- C-NLOPB has launched their investigation into the root cause of this incident.

Nov 22:

- DFO participated in daily briefing on the incident and response activities.
- DFO participated in a Science Table teleconference.

Nov 23:

- DFO participated in daily briefing on the incident and response activities.

Nov 24:

- DFO participated in daily briefing on the incident and response activities.

Nov 25

- DFO participated in daily briefing on the incident and response activities.
- DFO completed review of water sampling plan and responded to NEEC

Nov 26

- Husky Energy is expected to submit a draft plan for dealing with possible pollution incidents related to repairs of the pipeline system on Monday, November 26th for review.

Bret Pilgrim

Fisheries Protection Biologist

Fisheries Protection Program | Programme de protection des pêches

Ecosystems Management | Gestion des écosystèmes

Fisheries and Oceans Canada | Pêches et Océans Canada

Northwest Atlantic Fisheries Centre |

Centre des Pêches de l'Atlantique Nord-Ouest

80 East White Hills Road | 80, route White Hills est

PO Box 5667 I CP 5667
St. John's NL A1C 5X1 Canada
Tel. 709-772-6562

Fraser, Patrick

From: Brooks, Robert
Sent: Monday, November 26, 2018 11:32 AM
To: Fraser, Patrick
Cc: Brickett, JJ
Subject: RE: SWRX Mitigation Plan

Thanks Patrick for the points raised below. Agree and had thought that Anne-Margaret Salem in Comms was going to reach out to her NRCAN colleagues for at least a sitrep and touch point.

Will likely have a chance to discuss with Ann and David tomorrow morning to get a sense of their comfort level. Looks to me though from direct email forwards coming our way now with updates that the flow of op. info is now improving.

Please keep monitoring and thinking it through re what we can be doing and what we should continue thinking about re leaning forward.

Kind regards,

R

Robert Brooks

Director, Incident Management / Directeur, Gestion des incidents
Canadian Coast Guard | Garde côtière canadienne
Fisheries and Oceans Canada | Pêches et Océans Canada
200 Kent Street, Room 5E214 | 200 rue Kent, Pièce 5E214
Ottawa, Canada K1A 0E6

Mobile: [REDACTED]
Robert.Brooks@dfo-mpo.gc.ca

From: Fraser, Patrick <Patrick.Fraser@dfo-mpo.gc.ca>
Sent: Monday, November 26, 2018 9:33 AM
To: Brooks, Robert <Robert.Brooks@dfo-mpo.gc.ca>
Cc: Brickett, JJ <Jonathan.Brickett@dfo-mpo.gc.ca>
Subject: FW: SWRX Mitigation Plan

Robert,

It is good news that they are moving forward with these products.

With the understanding that Atlantic has likely considered the ideas below, here are two quick thoughts:

- **Primary Suggestion: Support to Communications / Public Information:** In reaction to the tactical activities listed below, could DFO/CCG HQ/Regional Communications support the Board's preparation of communication's products regionally and nationally? Could the Department's experience in preparing proactive response lines support the GOC messaging.
- **Other: Support to tactical activities listed below:** How effectively is Coast Guard embedded (e.g.; by phone, on-site) in tactical activities to ensure activities listed below are completed to a Coast Guard/GOC/Public's standard...resulting in improved advice to the Board.

Patrick

From: Brooks, Robert
Sent: November-25-18 2:01 PM
To: Brickett, JJ; Fraser, Patrick; Blais, Laura
Subject: Fwd: SWRX Mitigation Plan

Would appreciate your review, thoughts, advice re suitability, confidence interval, other factors Coast Guard would / should consider - what should / could CCG advice be at the tactical level (ie from Atl region).

Any thoughts on what we should be thinking and actioning at the national level?

Patrick thanks for getting the action tracker started, we will need to work to catch up the content - won't be too many entries - a priority for us early this week - I want to be in a position to support our senior management team quickly when / if they need to brief up with little notice re what Coast Guard has done since being activated under the MOU with CNLOPB.

Many thanks!

R

Sent from my iPhone


Begin forwarded message:

From: "Miller, Anne" <Anne.Miller@dfo-mpo.gc.ca>
Date: November 25, 2018 at 1:04:41 PM EST
To: "LeBlanc, Brian (Acting AC, Atlantic Region)" <Brian.LebLANC@dfo-mpo.gc.ca>, "Brooks, Robert" <Robert.Brooks@dfo-mpo.gc.ca>, "Gascon, Julie" <Julie.Gascon@dfo-mpo.gc.ca>
Subject: FW: SWRX Mitigation Plan

FYI

Anne Miller
Regional Director, Incident Management, Atlantic Region | Directrice Régionale, Gestion des incidents, Région de l'Atlantique
Canadian Coast Guard|Garde côtière canadienne

CCG Atlantic Region, Dartmouth Office | GCC, Région de l'Atlantique, Bureau de Dartmouth
50 Discovery Drive | 50 chemin Discovery
PO Box 1000 | CP 1000
Dartmouth N.S. | N.-É. B2Y 3Z8

Téléphone | Telephone : 902-426-9022
Cell | Cellulaire : 
Email | Courriel : Anne.Miller@dfo-mpo.gc.ca

-----Original Message-----

From: Yard, David C
Sent: November-24-18 10:01 PM

s.19(1)

s.24(1)

To: Miller, Anne
Subject: Fw: SWRX Mitigation Plan

Things are moving for the second Sea Rose event.

Attached is a draft plan below for the damaged line.

We should get a copy of the formal plan Monday from the Board and may be asked to comment /
provide advise at that point.

Thx

David

Sent from my BlackBerry 10 smartphone on the Bell network.

Original Message

From: Crann, Larry <Larry.Crann@dfo-mpo.gc.ca>

Sent: Saturday, November 24, 2018 17:41

To: Yard, David C

Subject: Fw: SWRX Mitigation Plan

FYI

Sent from my BlackBerry 10 smartphone on the Bell network.

Original Message

From: Okeefe, Jeff <JOkeefe@cnlopb.ca>

Sent: Saturday, November 24, 2018 13:31

To: Tessier, Scott; Burley, Dave; Young, Elizabeth; Crann, Larry; Thomas, Graham (EC);

Murphy, Tim; Taylor, Ken; Rideout, Lesley

Subject: Fwd: SWRX Mitigation Plan

Everyone

I will distribute Husky plan when it comes in Monday and the set up a time then to discuss it for
comments back to Husky

**Pages 1168 to / à 1169
are withheld pursuant to sections
sont retenues en vertu des articles**

19(1), 24(1)

**of the Access to Information Act
de la Loi sur l'accès à l'information**

Fraser, Patrick

From: Fraser, Patrick
Sent: Monday, November 26, 2018 9:33 AM
To: Sergio DiFranco (sergio.difranco@dfo-mpo.gc.ca)
Cc: Brickett, JJ
Subject: FW: SeaRose FPSO Update

FYI.

From: Brooks, Robert
Sent: November-26-18 9:26 AM
To: Justice, Robert; Brickett, JJ; Fraser, Patrick; Dumoulin, Isabelle; Bisailon, Annie
Subject: Fwd: SeaRose FPSO Update

Sent from my iPhone

Begin forwarded message:

From: "Miller, Anne" <Anne.Miller@dfo-mpo.gc.ca>
Date: November 26, 2018 at 9:15:45 AM EST
To: "Brooks, Robert" <Robert.Brooks@dfo-mpo.gc.ca>
Subject: Fwd: SeaRose FPSO Update

Hi Robert,
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A

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Larry Crann

A/Deputy Superintendent | Surintendant Adjoint

Environmental Response | Intervention Environnementale

Canadian Coast Guard | Garde côtière canadienne

P.O. Box 5667 St. John's, NL A1C 5X1 | C.P. 5667 Saint Jean, T-N A1C 5X1

Larry.Crann@dfo-mpo.gc.ca

Telephone | Téléphone 709-772-3280

Facsimile | Télécopieur 709-772-4066

Cell | Cell [REDACTED]

Government of Canada | Gouvernement du Canada

Fraser, Patrick

From: Fraser, Patrick
Sent: Monday, November 26, 2018 8:45 AM
To: Sergio DiFranco (sergio.difranco@dfo-mpo.gc.ca)
Cc: Brickett, JJ; Brooks, Robert
Subject: FW: SWRX Mitigation Plan

Sergio,

Robert supports the action tracker.

I was not involved in discussions last Friday and I assume they occurred. As a result, I have nothing to add. However, you/we'll be asked to continue to update the tracker (see below). I would suggest the information below be added to the tracker – I am assuming you are going to input. Recommend we identify a name next to each tracker activity so that we know who to turn to for more information. I understand that you have inserted most of the activities thus far.

Patrick

From: Brooks, Robert
Sent: November-25-18 2:01 PM
To: Brickett, JJ; Fraser, Patrick; Blais, Laura
Subject: Fwd: SWRX Mitigation Plan

Would appreciate your review, thoughts, advice re suitability, confidence interval, other factors Coast Guard would / should consider - what should / could CCG advice be at the tactical level (ie from Atl region).

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To: "LeBlanc, Brian (Acting AC, Atlantic Region)" <Brian.LebLANC@dfo-mpo.gc.ca>, "Brooks, Robert" <Robert.Brooks@dfo-mpo.gc.ca>, "Gascon, Julie" <Julie.Gascon@dfo-mpo.gc.ca>
Subject: FW: SWRX Mitigation Plan

FYI

Anne Miller

Regional Director, Incident Management, Atlantic Region | Directrice Régionale, Gestion des
incidents, Région de l'Atlantique
Canadian Coast Guard|Garde côtière canadienne

CCG Atlantic Region, Dartmouth Office | GCC, Région de l'Atlantique, Bureau de Dartmouth
50 Discovery Drive | 50 chemin Discovery
PO Box 1000 | CP 1000
Dartmouth N.S. | N.-É. B2Y 3Z8

Téléphone | Telephone : 902-426-9022

Cell | Cellulaire : [REDACTED]

Email | Courriel : Anne.Miller@dfo-mpo.gc.ca

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Sent: Saturday, November 24, 2018 13:31

To: Tessier, Scott; Burley, Dave; Young, Elizabeth; Crann, Larry; Thomas, Graham (EC);

Murphy, Tim; Taylor, Ken; Rideout, Lesley

Subject: Fwd: SWRX Mitigation Plan

Everyone

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**Pages 1174 to / à 1175
are withheld pursuant to sections
sont retenues en vertu des articles**

19(1), 24(1)

**of the Access to Information Act
de la Loi sur l'accès à l'information**

Collins, Natasha

From: CNUE / NEEC (EC) <ec.cnue-neec.ec@canada.ca>
Sent: November-27-18 1:19 PM
To: 'Burley, Dave'; EC.F CNUE / NEEC F.EC; ERDutyOfficer / AgentsdeserviceaffectésàIE (DFO/MPO); tcmsdutyofficer@tc.gc.ca; clement.murphy@tc.gc.ca; CRAIG.LUEDEE@forces.gc.ca; EED Duty Atlantic; dfo.fpp.nl / ppp.t-n-e-l.mpo (DFO/MPO); Gagnon2, Della (PS/SP); Haring, Peter (Ext.); Harris, Paul (EC); Kennell, Gary (EC); shelleymoores@gov.nl.ca; EC.F EB-WED-ATL F.EC; XNFL-GRP_Environmental Incident Reports; 'rlocke@gov.nl.ca'; EC.O Agents de service SUST / ESTS Duty Officers O.EC; Wright, Michelle (EC); Holland, Krista (EC); 'paulmolloy@gov.nl.ca'; Okeefe, Jeff; Taylor, Ken; Rideout, Lesley; Young, Elizabeth; Pollution Reports Service NL (pollutionreports@gov.nl.ca); Harris, Paul (EC); Worthman, Glenn (EC)
Cc: Thomas, Graham (EC)
Subject: Draft minutes for the Environmental Emergencies Science Table dated November 22, 2018 for the White Rose Oil Field spill
Attachments: Draft EEST Meeting summary_Nov 22 2018_LT.docx
PATH SAPH NO: 18-HNFL-00825

Hi folks please review the attached minutes from the Environmental Emergencies Science Table held on November 22, 2018 and give me your edits as needed by COB on November 29, 2018. No reply will be received as no change needed. Thank you all for participating. This incident is not concluded, additional meetings may be called if required based on circumstances at the time.

Graham Thomas

Senior Officer, Preparedness and Response - Atlantic National Environmental Emergencies Centre (NEEC) - Mount Pearl
 Office Environmental Protection Operations Directorate Environment and Climate Change Canada / Government of
 Canada graham.thomas@canada.ca / Tel: 709-772-4285 / Cell : [REDACTED] / Emergencies 24/7 : 1-866-283-2333

Agent principal, Préparation et intervention - Atlantique Centre national des urgences environnementales (CNUE) -
 Bureau de Mount Pearl Direction des activités de protection de l'environnement Environnement et Changement
 climatique Canada / Gouvernement du Canada graham.thomas@canada.ca / Tél. : 709-772-4285 / Cell : [REDACTED]
 Urgences 24/7 : 1-866-283-2333

AGENDA**Environmental Emergencies Science Table No. 1****White Rose Oil Field****Meeting Information**

Incident: NL_20181116_SeaRoseoffshoreOilVessel_Oil Spill**Date of Science Table:** November 22, 2018**Time (Eastern):** 14:00 – 15:00**Chair:** Graham Thomas NEEC

Teleconferencing service:

Toll-free Dial-in number 1 877-413-4792
 Conference ID:

Invitees

Organization	Name
Canada-Newfoundland Offshore Petroleum Board (C-NLOPB)	Dave Burley, Jeff O'Keefe, Scott Tessier, Elizabeth Young
NL Department of Natural Resources	Chris Carter, Paul Molloy, Dave Corkey
NL Department of Municipal Affairs and Environment	Peter Herring
Service NL	Rob Locke
NL Department of Fisheries and Land Resources	No rep
Environment and Climate Change Canada (ECCC) – Emergencies Science & Technology Section (NEEC)	Mathieu Dussault, Graham Thomas, Anthony Pouw, Dominique Poulin, Lisa Tulen, Julie Pilon, Stéphane Leblanc, Ayumi Thérien, Georges Long
Environment and Climate Change Canada (ECCC) – Emergencies Science & Technology Section (ESTS)	Carl Brown, Ben Fieldhouse, Ali Khelifa
Environment and Climate Change Canada (ECCC) – Canadian Wildlife Service (CWS)	Sabina Wilhelm, Robert Ronconi, Becky Whittam, Garry Donaldson

Environment and Climate Change Canada (ECCC) – Communications Branch	Michelle Wright, Krista Holland
Department of Fisheries and Oceans (DFO) – Fisheries Protection Program	Jason Kelly, Bret Pilgrim, Kyle Matheson
Environment and Climate Change Canada (ECCC) – Wildlife Enforcement Directorate (WED)	Paul Harris, Brent Arsenault
Department of National Defence	Craig Ludee
Public Safety Canada	Della Gagnon, Krista M??
Transport Canada	No rep
Canadian Coast Guard	Bruce English, Larry Crann
Others	George Eaton

Draft Minutes

Agenda Items

1. Welcome to Science Table – Graham Thomas, ECCC NEEC

- Greetings
- Roll call
- Scope of the Science Table and objectives

The Agenda was approved with no modifications.

2. Opening remarks – Scott Tessier Chair and Chief Executive Officer – C-NLOPB

Thanks were expressed to all agencies for all the support being extended to the C-NLOPB both directly and indirectly.

3. Situational briefing – Jeff O'Keefe Director of Resource Management & Chief Conservation Officer

- An overview of the incident location and the incident in general was provided
- The White Rose field is located approximately 350 km from St. John's, NL in the area known as the Jeanne d'Arc Basin.
- The Sea Rose FPSO (Floating Production Storage and Offloading) vessel is connected to a drill centre 2 km away, which contains 6 production, gas and

water injector wells. The flow line (8.5 inch diameter) that connects back to the FPSO.

- Storm warnings were in effect during incident, well above normal, production shut down due to weather but on Friday morning November 16 they began start up process
- Reported that they lost pressure during pumping of hot oil
- Release for a period of 20 minutes
- Estimate of 250 cubic metres lost plus another 1000 cubic metres in the subsea lines
- Standby vessel Atlantic Hawk was dispatched to investigate
- The standby vessel reported a slick of 1 mile long, nothing else visible at surface
- Two tracker buoys were deployed one from the Sea Rose and one from the Atlantic Hawk
- Husky Energy mobilized Eastern Canada Response Corporation (ECRC) as well as its Regional Response Management Team (RRMT)
- PAL flight on scene about 4 hours after – they spotted 2 sheens (100mx100m, 3.6 miles x 5.8 miles) the largest being 7 km south of the White Rose Field.
- No reports of oiled wildlife at that time.
- Conditions did not allow for deployment of a Remotely Operated Vehicle (ROV) or any on water response for containment and recovery.
- Slick was spotted one day later by a PAL flight with representatives from Canadian Coast Guard (CCG) and ECRC on board.
- No Nov 17, weather conditions again did not allow for on water recovery operations or subsea ROV surveys.
- Sheen was seen about 27 km from SeaRose
- Some birds were spotted, but no impacted wildlife were observed at the time
- On Monday November 19th aerial flights continued and a ROV got into the water. A parted weak link on the flow line was discovered. Valves were all turned off, estimated 85 cubic metres still remains in the line
- 15 observed birds to date
- Last 3 days no sheens visible, visibility has not been good, 4 assets (vessels) dedicated to wildlife observations
- Dave Burley – valves in flow line were shut by ROV, remaining potential inventory in line as being estimated at 85 cubic metres, unsure how much is still in line or has leaked, 250 cubic metres would be current worst case
- Categorized as batch spill
- No new slicks or sheens seen in last 3 days
- Husky has started an internal investigation, CNLOPB has started their investigation
- Any other damage/issues? Nothing reported from SeaRose
- Any other singular weak links – yes there are others in the system. ROV is tasked to check the rest of the line.

4. Roundtable

Ben Fieldhouse, ECCC, ESTS

- **Concern** – What was the temperature of oil during recirculation?

- **Response** - CNLOPB has asked Husky Energy for temperature and any additives. They have not received a response from Husky Energy yet.

Rob Ronconi, ECCC-CWS

- Following initial release, used CWS database Eastern seabird database, highlighted 5 primary species of concern for this area Black-legged Kittiwakes, gulls, Northern Fulmars, murres (Thick-billed and Common), Dovekies.
- Similar species associated with Terra Nova Spill that occurred almost at the same time of the year in 2004.
- ECCC-CWS has requested real time surveys. Husky has been active in deploying observers on 4-5 vessels. They are following CWS protocols.
- Documentation ongoing of oiled birds on vessels and landing on water
- 3 more oiled birds reported today (Nov. 22).
- Total is 15 oiled birds, includes 4 live birds that have been transferred to a seabird rehabilitation facility and 4 dead birds that have been transported to St. John's, NL

DFO—Kyle Matheson

- Primary concern is looking for marine mammals in the area, such as blue whale, fin whale
- Other species are found more towards the East
- Harp and hooded seal, winter feeding grounds but not usually in high numbers at this time of year
- Working with wildlife group to get information on any sightings
- We don't expect a high impact to pelagic or benthic species
- 1 Minke whale sighted to date, also reports of dolphins sighted as well

Graham Thomas ECCC-NEEC

- **Concern** – Environmental Monitoring through EEM program would be sufficient for long term or are there gaps?
- **Response** -- Dave Burley C-NLOPB – fairly elaborate EEM programs, from design to operational, they are reviewed. However, they are principally targeted to routine regulated or permitted discharges and not accidental discharges. Potential impacts to sea bed, water column sampling in the vicinity, tainted fish health conducted in the area. They are conducted every two years.

Kyle Matheson, DFO

- **Concern** – could we get more details on the type of sampling done in the past
- **Response** -- Jason Kelly DFO said he can provide him with details on the sampling plan.

Rob Ronconi, ECCC-CWS

- **Concern** -- Any potential on-going impacts? Potential remaining oil in the line. The discrepancy between the maximum amount released versus amount seen on the surface. Is there any continued risk of more oil?
-- For migratory birds – Their ability to assess the incident completely. How many birds were impacted due to exposure as all birds will not be collected. They will be working with Husky with when they have enough data to make estimates.
--Estimates are needed of the total amount on the surface. They would like a final model based on the data expected. The surface footprint of the oil.

- **Response** – they had an estimate of what was in the line, when they retrieve the line they will calculate the total amount. They will do a mass balance.

Concern -- How long to get assessment? How long will surveys need to go. Continuing the PAL flights and ensuring there are no more slicks. Are they effective for wildlife observations?

- **Response:** Starting to get production data in the next few days.

Flights have been opportunistic and they have not been able to plan them. They have talked to Husky about planning flights when conditions are suitable. Husky will provide weather out looks so that they can plan flights when conditions are suitable. They are relying on RadarSAT to see if there are sheens.

- **Concern--** Given that the radar is not seeing all of them. Is it reasonable to consider airborne flights.
- **Response—**Larry Crann CCG in similar circumstances would require daily flights while there is still potential pollution. CCG would in such an incident like this expect Husky Energy to provide a plan on what they are doing to mitigate any potential release as well as pollution response in the event of a release. Husky needs to bring a plan forward. Graham Thomas ECCC-NEEC fully support the statement by CCG; the onus is on Husky Energy to show that they are no longer polluting. A detailed plan is also needed for everyone's assurance.

Graham Thomas ECCC-NEEC – Any other issues.

Rob Ronconni ECCC-CWS

- **Concern** --with respect mass balance accounting of what was lost and potential for further pollution.
- **Response—**Jeff O`Keefe C-NLOPB there will be mass balance accounting going forward.

Peter Herring, NL Dept. of Municipal Affairs and Environment

- **Concern--** oil has dissipated with no collection of oil or oily debris to come ashore therefore they would only become involved for waste disposal.
- **Response--** Low likelihood of any materials being recovered at this point. Modelling has not suggested that the oil will reach shore. Surface oil is non recoverable.

Sabina Wilhelm, ECCC-CWS – staff will be doing beached bird surveys just to confirm that there are no birds coming a shore. Not anticipating birds coming to shore but we want to cover this.

Paul Malloy NL Dept. Natural Resources

- **Concern** -- question to wildlife services – emulsions or suspensions, is there any sort of standard about them dissipating and where they might end up?
- **Response** from Ben Fieldhouse, ECCC-ESTS – over time we'll be looking at dissipation as smaller and smaller particles which are then subject to microbial degradation. With dilution over time and with or without emulsification will continuously become smaller and smaller in size as we saw with the breakup of the slick.
- **Concern** – Timelines for Ben Fieldhouse - is there evidence of this?
- **Response** – Ben Fieldhouse ECCC-ESTS - We are getting dissipation to below levels of concern relatively quickly.

5. Issues going forward

- 6. Roundtable** – other issues Graham Thomas, ECCC NEEC
No other issues raised.

- 7. Summary and closing** – Graham Thomas, ECCC NEEC
Thank you for attending. Incident is not over. We will continue to monitor diligently.
There is a potential for more releases. We may need to host another Science Table.

Action: Issues to address for CWS. Rob Ronconi will send detailed questions to Graham who will forward to Husky Energy for their response.

Closing of meeting at 15:00 EST.

Page 1183

**is withheld pursuant to sections
est retenue en vertu des articles**

19(1), 24(1)

**of the Access to Information Act
de la Loi sur l'accès à l'information**

**Pages 1184 to / à 1185
are withheld pursuant to section
sont retenues en vertu de l'article**

24(1)

**of the Access to Information Act
de la Loi sur l'accès à l'information**

**Pages 1186 to / à 1193
are withheld pursuant to sections
sont retenues en vertu des articles**

20(1)(b), 24(1)

**of the Access to Information Act
de la Loi sur l'accès à l'information**

**Pages 1194 to / à 1200
are withheld pursuant to sections
sont retenues en vertu des articles**

20(1)(b), 19(1), 24(1)

**of the Access to Information Act
de la Loi sur l'accès à l'information**

**Pages 1201 to / à 1207
are withheld pursuant to section
sont retenues en vertu de l'article**

24(1)

**of the Access to Information Act
de la Loi sur l'accès à l'information**

**Pages 1208 to / à 1209
are withheld pursuant to sections
sont retenues en vertu des articles**

19(1), 24(1)

**of the Access to Information Act
de la Loi sur l'accès à l'information**

**Pages 1210 to / à 1214
are withheld pursuant to section
sont retenues en vertu de l'article**

24(1)

**of the Access to Information Act
de la Loi sur l'accès à l'information**

**Pages 1215 to / à 1219
are withheld pursuant to section
sont retenues en vertu de l'article**

24(1)

**of the Access to Information Act
de la Loi sur l'accès à l'information**

Eatmon, Keegan

From: Eatmon, Keegan
Sent: November-27-18 10:43 AM
To: Stanek, Frank; Mayrand, Benoit; Saindon, Carole; Waizmann, Victoria; Jahn, Robin
Subject: FW: FYI INTERVIEW - MEDIA CALL - Husky oil spill damage to wildlife ([REDACTED])
| CBC Radio St. John)

FYI – would you like me to share with CCG & NL region?

From: Lavoie, Marilyne (EC) [<mailto:marilyne.lavoie@canada.ca>]
Sent: November-27-18 10:14 AM
To: media@tc.gc.ca; Media_Relations / Media_Relations (NRCan/RNCan); NCR Media RCN (DFO/MPO)
Cc: Media (EC)
Subject: FYI INTERVIEW - MEDIA CALL - Husky oil spill damage to wildlife ([REDACTED]) | CBC Radio St. John)

Hello DFO, NRCan and TC colleagues,
FYI, one of ECCC CWS scientists who has been offshore and can report on the state of the wildlife will be interviewed this week during the CBC morning show regarding the Sea Rose / Husky Energy oil slick in Newfoundland.

Thank you,

Marilyne

MEDIA

CBC Radio

REPORTER'S DEADLINE

TBD

REQUEST RECEIVED DATE

November 26, 2018 4:21 PM

INTERVIEW REQUESTED

YES

CONTEXT AND QUESTIONS

I'm hoping to get in touch with a scientist who has been offshore for a first-hand look at the Husky oil spill.

Last week the show had a great interview with Ian Jones about potential damage to the seabird population. We're very much interested in a follow-up interview with someone who has been at the site. Ian suggested we get in touch with all of you to see if any of you have been out to check the damage to wildlife.

Marilyne Lavoie

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Eatmon, Keegan

From: Eatmon, Keegan
Sent: November-27-18 11:15 AM
To: Sloan, Glen
Subject: RE: FYI INTERVIEW - ECCC MEDIA CALL - Husky oil spill damage to wildlife ([REDACTED] CBC Radio St. John)
Attachments: FOR NRCAN ACTION - MEDIA CALL - Follow-up: Interview about oil slick from Searose FPSO Vessel at White Rose Oil field ([REDACTED] CBC News)

Sorry Glen!

Another attached – ECCC deferred a ministerial interview request to NRCAN

Thanks, K.

From: Sloan, Glen
Sent: November-27-18 11:08 AM
To: NCR Media RCN (DFO/MPO)
Subject: RE: FYI INTERVIEW - ECCC MEDIA CALL - Husky oil spill damage to wildlife ([REDACTED] CBC Radio St. John)

Hi media relations friends, please copy me on emails! I'm working on the Sea Rose file. ☺

Thanks,
 Glen

From: Hennessy, Jeremy
Sent: November-27-18 11:06 AM
To: Sloan, Glen
Subject: FW: FYI INTERVIEW - ECCC MEDIA CALL - Husky oil spill damage to wildlife ([REDACTED] CBC Radio St. John)

From: Eatmon, Keegan <Keegan.Eatmon@dfo-mpo.gc.ca>
Sent: November-27-18 11:05 AM
To: Salem, Ann-Margaret <Ann-Margaret.Salem@dfo-mpo.gc.ca>; Trudeau, Miriam <Miriam.Trudeau@dfo-mpo.gc.ca>; Hennessy, Jeremy <Jeremy.Hennessy@dfo-mpo.gc.ca>; Smith, Fiona <Fiona.Smith@dfo-mpo.gc.ca>; Whiffen, Sam <Sam.Whiffen@dfo-mpo.gc.ca>; Williams, Jennifer <Jennifer.Williams@dfo-mpo.gc.ca>
Cc: Stanek, Frank <Frank.Stanek@dfo-mpo.gc.ca>; Mayrand, Benoit <Benoit.Mayrand@dfo-mpo.gc.ca>; Saindon, Carole <Carole.Saindon@dfo-mpo.gc.ca>; Waizmann, Victoria <Victoria.Waizmann@dfo-mpo.gc.ca>; Dunderdale, Sara <Sara.Dunderdale@dfo-mpo.gc.ca>; Jahn, Robin <Robin.Jahn@dfo-mpo.gc.ca>
Subject: FYI INTERVIEW - ECCC MEDIA CALL - Husky oil spill damage to wildlife ([REDACTED] CBC Radio St. John)

Hello CCG and NL Colleagues,

For you information, please see below interview that ECCC will do on the Sea Rose Incident.

Thanks,

Keegan Eatmon

Communications Officer | Agent de communications
Media Relations | Relations avec les médias
Fisheries and Oceans Canada | Pêches et Océans Canada
Government of Canada | Gouvernement du Canada
200 Rue Kent St. | Ottawa | Station: 13E255
keegan.eatmon@dfo-mpo.gc.ca / Tel/Tél: 613-991-0323

From: Lavoie, Marilyne (EC) [<mailto:marilyne.lavoie@canada.ca>]

Sent: November-27-18 10:14 AM

To: media@tc.gc.ca; Media_Relations / Media_Relations (NRCan/RNCan); NCR Media RCN (DFO/MPO)

Cc: Media (EC)

Subject: FYI INTERVIEW - MEDIA CALL - Husky oil spill damage to wildlife ([REDACTED]) CBC Radio St. John)

Hello DFO, NRCan and TC colleagues,

FYI, one of ECCC CWS scientists who has been offshore and can report on the state of the wildlife will be interviewed this week during the CBC morning show regarding the Sea Rose / Husky Energy oil slick in Newfoundland.

Thank you,

Marilyne

MEDIA

[REDACTED]
CBC Radio
[REDACTED]

REPORTER'S DEADLINE

TBD

REQUEST RECEIVED DATE

November 26, 2018 4:21 PM

INTERVIEW REQUESTED

YES

CONTEXT AND QUESTIONS

I'm hoping to get in touch with a scientist who has been offshore for a first-hand look at the Husky oil spill.

Last week the show had a great interview with Ian Jones about potential damage to the seabird population. We're very much interested in a follow-up interview with someone who has been at the site. Ian suggested we get in touch with all of you to see if any of you have been out to check the damage to wildlife.

Marilyne Lavoie

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Eatmon, Keegan

From: Lavoie, Marilyne (EC) <marilyne.lavoie@canada.ca>
Sent: November-27-18 10:19 AM
To: Media_Relations / Media_Relations (NRCan/RNCan)
Cc: Media (EC); NCR Media RCN (DFO/MPO); media@tc.gc.ca
Subject: FOR NRCAN ACTION - MEDIA CALL - Follow-up: Interview about oil slick from Searose FPSO Vessel at White Rose Oil field ([REDACTED] | CBC News)

Bonjour media colleagues,

You will find below a follow-up media call for an interview request about the oil slick from Searose Floating Production Storage and Offloading Vessel.

The reporter asked for an interview with Minister McKenna, and we have been informed that it should be addressed by NRCan, not ECCC.

Further below is the previous written response ECCC provided to the reporter on November 19, for you convenience.

Thanks for confirming your will be handling that one,

Marilyne

MEDIA

[REDACTED]
CBC News
[REDACTED]

REPORTER'S DEADLINE

TBD

REQUEST RECEIVED DATE

November 26, 2018 3:14 PM

MEDIA RESPONSE APPROVALS LEVEL

MEDIUM

INTERVIEW REQUESTED

YES

CONTEXT AND QUESTIONS

"I would like to re-submit my request for an interview with the minister about the oil spill in Newfoundland waters from the SeaRose platform on Friday, November 16, 2018."

PREVIOUS QUESTIONS

"This is a request for an interview concerning the oil spill which occurred at the SeaRose FPSO in the White Rose oilfield off Newfoundland on Friday with a member of the team charged with overseeing/monitoring this incident on behalf of the National Environmental Emergencies Centre of Environment and Climate Change Canada."

We would like to know what the current situation is as there is great public interest in this story, given that it is the largest oil spill in the history of the Newfoundland offshore.

We would like to have an interview about the situation and ECCC's efforts as an agency involved in the response on the part of the Government of Canada. I am flexible. We can get a camera to someone at your convenience."

PREVIOUS RESPONSE

Environment and Climate Change Canada's National Environmental Emergencies Centre is aware of the incident near the White Rose Oil Field in Newfoundland and is actively supporting the Canada-Newfoundland Offshore Petroleum Board which is the lead agency for this specific situation.

Environment and Climate Change Canada (ECCC) is also monitoring the situation closely and is providing additional scientific advice to the lead agency. ECCC support includes spill trajectory modelling as well as advice on how to deal with any issues concerning migratory birds in the area.

ECCC takes all incidents that threaten the health and safety of Canadians and their environment very seriously. It takes action, provides support and advice as required to mitigate the impacts of these adverse incidents.

For an on-camera interview, I suggest you reach out to Lesley Rideout, Communications Officer at the Canada-Newfoundland Offshore Petroleum Board:

Email: lradeout@cnlopb.ca

Tel: (709) 778-4224

Marilyne Lavoie

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s.19(1)

Eatmon, Keegan

From: Eatmon, Keegan
Sent: November-27-18 11:05 AM
To: 'Lavoie, Marilyne (EC)'
Subject: RE: FYI INTERVIEW - MEDIA CALL - Husky oil spill damage to wildlife ([REDACTED])
CBC Radio St. John)

Merci Marilyne.

Keegan

From: Lavoie, Marilyne (EC) [<mailto:marilyne.lavoie@canada.ca>]
Sent: November-27-18 10:14 AM
To: media@tc.gc.ca; Media_Relations / Media_Relations (NRCan/RNCan); NCR Media RCN (DFO/MPO)
Cc: Media (EC)
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Thank you,

Marilyne

MEDIA

[REDACTED]
CBC Radio [REDACTED]
[REDACTED]

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Kelly, Jason

From: Kelly, Jason
Sent: November-27-18 2:56 PM
To: Bieger, Tilman
Subject: RE: Husky Spill - updates

I'm not sure how many anchors points there would be on this particular flowline or any flowline for that matter.

The point of disconnection during an emergency situation is right below the turret (hull) at the riser, not at a flowline. As far as I know Husky didn't disconnect in this situation. They cleared the flowline of oil, pumped full of glycol. Before starting production after the storm they pumped "warm processed oil" from their tanks through the flowlines to prime the system. That's when they lost pressure. Presumably because the collar linking flowlines was weakened.

But that's my semi educated interpretation, based on 3 days on the FPSO.  Obviously the investigation will give the true account.

Jason

From: Bieger, Tilman
Sent: November-27-18 2:39 PM
To: Kelly, Jason
Subject: RE: Husky Spill - updates

Thanks

Ok so probably the chain directly on top of pipe is not unusual....

I am guessing this is not the point at which they would normally disconnect/reconnect

From: Kelly, Jason
Sent: November-27-18 2:02 PM
To: Bieger, Tilman
Subject: RE: Husky Spill - updates

From what I understand, the flows lines are restrained (anchored) in some places by the chain which is connected to a mound of rubble. I guess it where a berm is not possible., like around a manifold.

Jas

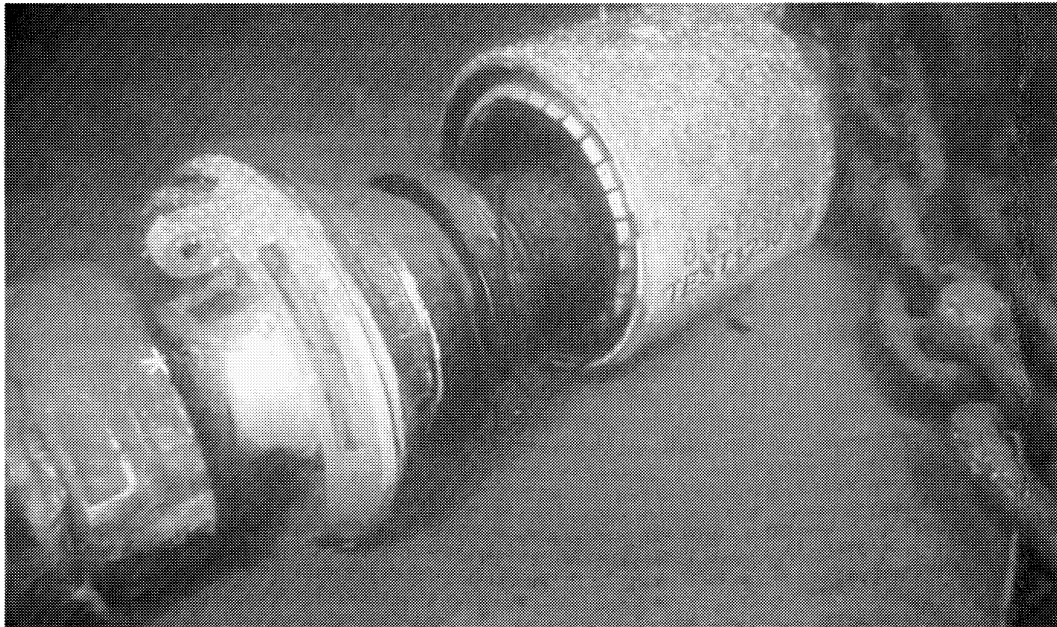
From: Bieger, Tilman
Sent: November-27-18 1:59 PM
To: Kelly, Jason
Subject: RE: Husky Spill - updates

Thanks . Yeah I've seen that pic. The chain on top of the flowline seems unusual....

I was wondering if this connection was the point at which they were "reconnecting" after the storm, or if it is a different spot elsewhere in the system that just happened to fail at that time due to recent motion etc

From: Kelly, Jason
Sent: November-27-18 1:42 PM
To: Bieger, Tilman
Subject: RE: Husky Spill - updates

Failed flowline connector. Not sure of the exact size of this thing, but I know the chain links are "big", perhaps a couple feet



From: Kelly, Jason
Sent: November-27-18 9:03 AM
To: Snow, Stephen; Powell, Shawna; Yetman, Dana; Johnson, Roger; Griffiths, Helen
Cc: Bieger, Tilman; Edison, Margo
Subject: Husky Spill - updates

As an FYI only,

Below is a link to the Husky website where they are providing daily updates on the incident and response

<http://www.huskyenergy.ca/whiterose/>

Also below is some recent notes we put together including a timeline.

Husky Spill update as of 11:00 am on November 26th

- On November 16, 2018 Husky Energy notified the National Environment Emergency Centre (NEEC of ECCC) of an oil slick coming from a pressurized flow line at White Rose oil field 350 km offshore. Husky Energy reported a worst case scenario volume release of 250 000 L.
- DFO received a notification from NEEC on November 16, 2018. DFO initially provided NEEC information on marine mammals and fish species expected in the area.
- Aerial surveys are conducted daily and oil sheen's have not been detected since November 17th.
- There are no commercial fisheries species currently being prosecuted the survey zone. Also, there are no Marine Protected Areas or identified Ecological and Biological Significant Areas in the vicinity.
- Wildlife surveys have identified a small number of oil birds (i.e. 18 as of Nov 23rd), however the occasional marine mammal (i.e. pod of porpoises and one whale as of Nov 23rd) spotted within the survey zone have not been identified as being impacted by oil.
- Husky Energy will be initiating a water quality sampling program this week and a plan for dealing with possible pollution incidents related to repairs to the subsea flowline system is being developed.
- DFO participates in daily briefing, led by NEEC, on the response activities and will be reviewing these plans to offer advice related to our responsibilities.

INCIDENT CHRONOLOGICAL OVERVIEW

Nov. 16:

- DFO received notification of the incident from the NEEC

Nov. 17:

- DFO in direct contact with NEEC to receive updated information and determine if a DFO resources at risk analysis is required.

Nov 18:

- Canada – Newfoundland and Labrador Offshore Petroleum Board (C-NLOPB) on November 18, 2018 announced they are beginning a formal investigation into the root cause of incident.

Nov. 19:

- DFO participated in first daily briefing on the incident and response activities.
- DFO reviewed and provided comments on the Wildlife Response Plan.
- DFO provided NEEC with preliminary information on marine mammal and penniped activity in the vicinity of the Searose
- The ROV survey identified the source of the release as a disconnected weak link. Plans are being developed to recover the connection for further investigation, and to respond to any residual product which may remain in the pipe if it were to be released. Daily ROV inspections of the weak link continue.

Nov. 20:

- DFO participated in daily briefing on the incident and response activities.
- EIC provided the DFO Newfoundland & Labrador Environmental Incident Team with an update on the incident.

Nov 21:

- DFO participated in daily briefing on the incident and response activities.
- C-NLOPB has launched their investigation into the root cause of this incident.

Nov 22:

- DFO participated in daily briefing on the incident and response activities.
- DFO participated in a Science Table teleconference.

Nov 23:

- DFO participated in daily briefing on the incident and response activities.

Nov 24:

- DFO participated in daily briefing on the incident and response activities.

Nov 25

- DFO participated in daily briefing on the incident and response activities.
- DFO completed review of water sampling plan and responded to NEEC

Nov 26

- Husky Energy is expected to submit a draft plan for dealing with possible pollution incidents related to repairs of the pipeline system on Monday, November 26th for review.

LeBlanc, Brian (Acting AC, Atlantic Region)

From: Miller, Anne
Sent: November 27, 2018 7:08 PM
To: MSOC-East / COSM-Est (DFO/MPO)
Cc: LeBlanc, Brian (Acting AC, Atlantic Region); Yard, David C
Subject: FW: Incident SITREP #010, ER, FPSO Sea Rose - 250 Cubic Meters Crude Oil Spill

Please distribute the attached sitrep.

Thanks, Anne

Anne Miller

Regional Director, Incident Management, Atlantic Region | Directrice Régionale, Gestion des incidents, Région de l'Atlantique
 Canadian Coast Guard | Garde côtière canadienne

CCG Atlantic Region, Dartmouth Office | GCC, Région de l'Atlantique, Bureau de Dartmouth
 50 Discovery Drive | 50 chemin Discovery
 PO Box 1000 | CP 1000
 Dartmouth N.S. | N.-É. B2Y 3Z8

Téléphone | Telephone : 902-426-9022
 Cell | Cellulaire : [REDACTED]
 Email | Courriel : Anne.Miller@dfo-mpo.gc.ca

From: MSOC-East / COSM-Est (DFO/MPO)
Sent: November-27-18 6:32 PM
To: DFO.F CCG Nat Incidents / Incidents Nat GCC F.MPO
Subject: Incident SITREP #010, ER, FPSO Sea Rose - 250 Cubic Meters Crude Oil Spill

1. CCG Region/Incident Name: Sea Rose FPSO release estimated at 250 cubic meters of crude
2. Incident Category/Type: Marine ER Type 4
3. Date/Time: November 27, 13:30hrs
4. Primary Department(s)/Agency(s): C-NLOPB
5. Supporting Departments/Agencies: ECCC, CCG, CWS
6. Regional Location: Atlantic
 - a. Province/Territory: Newfoundland and Labrador
 - b. City: N/A
 - c. Amplifying location: Sea Rose FPSO, White Rose Oil Field.
7. Current Situation: The C-NLOPB is continuing to investigate the incident. ECCC- NEEC remains in close daily contact with the C-NLOPB. Daily ROV inspections by Husky continue on the weak link and all subsea connections. Daily monitoring for signs of oil on the surface at the location of the November 16th release continue. No new reports of surface oil reported and no new observations of oiled wildlife. A second Single Vessel Side Sweep (SVSS) containment and recovery system has been deployed offshore. CCG remains in

close contact with the board to provide assistance. The board and CCG have received the response plan from Husky.

8. Actions Taken: CCG remains in close contact with the board to provide assistance as required.

Current Actions (other): Husky's plan encompasses both subsea and surface monitoring. The development of four tactics was necessary because weather and sea-state would compromise any single tactics validity. The tactics and environmental conditions under which they will be executed are:

- 1) Subsea monitoring using an ROV will be completed for 15 minutes daily when sea conditions are within ROV deployment parameters. Any day that sea conditions permit monitoring a monitoring report will be provided.
- 2) Contracted Offshore Supply Vessel(s) operating within the field will (during hours of daylight) complete a minimum of two surface monitoring sweeps of the area around SWRX for indications of oil release to the surface. All vessel surveillance activities will be recorded in the ship log.
- 3) Satellite and pollution surveillance airplane management have been notified of the location and potential for secondary spill from SWRX. Husky's Oil Spill Response organization, Eastern Canada Response Corporation (ECRC) has requested that any surface anomalies detected during normal tasking of these resources and identified as being within the calculated slick drift area of SWRX be reported to Husky for immediate investigation.

Oil Spill Response:

If monitoring of SWRX indicates another spill has occurred, Husky will enact its Oil Spill Response Plan (EC-M-99-X-PR-00026-001). As per the Oil Spill Response Plan, our tier 1 capability is suitable for releases with oil at risk up to 200m³. In addition to the Tier 1 capacity Husky maintains in the White Rose field, we will also maintain a SVSS on board a supply vessel in the field.

The Maersk Detector will provide a sustained presence in the White Rose Field for the second SVSS. Husky will provide a daily summary report of monitoring operations and their results.

9. Media/Public Communications: High media interest.

10. Activities Next 24 Hours: CCG ER will remain in close contact with C-NLOPB to assist with any Resource Agency requests as required.

11. Environmental Factors: Weather on site could possibly affect aircraft or vessel surveys.

12. Significant Issues: N/A

13. Personnel Status: 3 CCG ER Personnel

14. Equipment Status: Industry – Surveillance Aircraft (PAL), three OSV's – Skandi Vinland ROV Operations on site for subsurface assessment, Maersk Dispatcher – Wildlife Observer and Spill Surveillance, Atlantic Hawk – Safety Stand-by and regular surveillance sweeps.

15. New Requirements: N/A

16. Command Assessment: Continue to monitor incident for further developments and respond to any requests for support from C-NLOPB as required.

17. Next SITREP: When there is a significant change or event.

Maritime Security Officer / Agent de sécurité maritime Canadian Coast Guard / Garde côtière canadienne Marine
Security Operations Centre - East / Centre d'opérations de la sécurité maritime – Est CFB Halifax / BFC Halifax Building D-
201 / Bâtiment D-201
2737 Provo Wallis Street
PO Box 99000 Stn Forces / PO Box 99000 Succ Forces Halifax, Nova Scotia, Canada B3K 5X5 msoceast@dfo-mpo.gc.ca
Telephone / Téléphone: (902) 427-0662 Fax / Télécopieur: (902) 427-7841 Secure Telephone/Fax /
Téléphone/Télécopieur Sûr: (902) 427-2987 Government of Canada / Gouvernement du Canada

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Kelly, Jason

From: Kelly, Jason
Sent: November-27-18 8:56 AM
To: Ruddock, Stella D
Subject: FW: Media Lines - Husky spill

Wondering if these were added to media lines. I made a few small edits below.

From: Kelly, Jason <Jason.Kelly@dfo-mpo.gc.ca>
Sent: Wednesday, November 21, 2018 2:43 PM
To: Ruddock, Stella D
Subject: Media Lines - Husky spill

The Canada-Newfoundland and Labrador Offshore Petroleum Board is in contact with the DFO and the CCG as Husky conducts an assessment and implements its response plan.

Fisheries and Oceans Canada is actively participating in ongoing daily discussions on response activities and wildlife surveys.

Fisheries and Oceans Canada will continue to work with appropriate parties and provide advice on mitigating the potential impacts on the marine environment, aquatic species and fisheries resources.

Kelly, Jason

From: Kelly, Jason
Sent: November-26-18 5:07 PM
To: Edison, Margo
Subject: Re: Husky spill

I just sent u an email I sent to Stella last Wednesday with 3 lines it in.

I guess Comms haven't sent it up yet. Will follow up tomorrow with them.

Jason

Sent from my BlackBerry 10 smartphone on the Bell network.

From: Edison, Margo
Sent: Monday, November 26, 2018 5:03 PM
To: Kelly, Jason
Subject: FW: Husky spill

Jason,
Could you check on this for me tomorrow? Ray is asking if we received anything back yet?

Thanks
Margo

From: Kelly, Jason
Sent: Tuesday, November 20, 2018 8:20 AM
To: Finn, Ray <Ray.Finn@dfo-mpo.gc.ca>; Edison, Margo <Margo.Edison@dfo-mpo.gc.ca>; Ruddock, Stella D <Stella.Ruddock@dfo-mpo.gc.ca>; Whiffen, Sam <Sam.Whiffen@dfo-mpo.gc.ca>
Subject: RE: Husky spill

You're correct, no specific requests from the C-NLOPB just notifications (updates) from NEEC at this time. we can put together some general lines on how we support ENV Response for a situation like this.

Stella, was there something put together for the Manolis L that I can use as a template?


Jason

From: Finn, Ray
Sent: November-20-18 7:03 AM
To: Edison, Margo; Ruddock, Stella D; Kelly, Jason
Subject: Husky spill

I wonder if we should have some lines in the event we are asked about this? Reactive only.
I don't believe we have recd any requests from the Board or NEEC at this time.

Please consider

Ray

 (cell)
(709) 772 - 2442. (office)

Sent via Blackberry

Annibalini, Sara

From: Duhaime, Rachel
Sent: Tuesday, November 27, 2018 8:07 AM
To: Amelin, Vasili; Atchison, Chris; Bisailon, Annie; Brooks, Robert; Dugal, Jean-Luc; Dussault, Sheyla; Gascon, Julie; Harvey, Clifford; Haubert, Marie-Christine; Hill, Johanna; Hutchinson, Jeffery; Ivany, Gary; Lapointe, Marie-Andrée; Lebel, Mathieu; Lipohar, Peter; Lockhart, Tara; Mackenzie, Joey; Main Ops Officer / Agent principal des Ops (DFO/MPO); Montreal Ops / Ops Montréal (DFO/MPO); Morelli, Carolyn; Morphet, Jason (NCR); Moss, Derek; NCC / CCN (DFO/MPO); Olson, Kathleen; Pelchat, Isabelle; Pelletier, Mario; Perry, Nigel; peter.lipohar@forces.gc.ca; Richardson, John; CCG ATL ROC / COR ATL GCC (DFO/MPO); ROC1 / COR1 (DFO/MPO); Ryan, Sam; Sanderson, Marc; Smith, Fiona; St-Onge, Emilie; Tettamanti, Ryan; Trudeau, Miriam; Western ROC Superintendent \ Surintendant ROC Ouest (DFO/MPO); Wight, Robert; Wyse, David E
Subject: Morning Ops
Attachments: Morning Ops Brief - 2018-11-27 RD.pdf; 2018-11-27 RD.docx

Good morning,

Here's the morning ops brief for today.

Best regards,

Rachel Duhaime

Operations Support Officer / Agente de soutien opérationnel

National Command Centre (NCC) | Centre de commandement national (CCN)

Canadian Coast Guard | Garde côtière canadienne

200 Kent Street, 7th floor E-310A | 200 rue Kent, 7ème étage E-310A

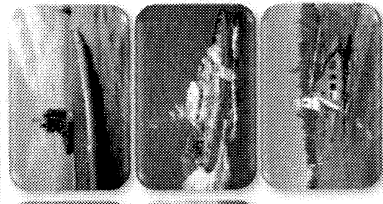
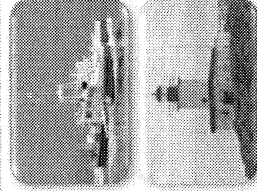
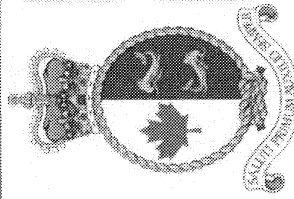
Ottawa, Ontario, K1A 0E6

Tel: (613) 991-3074

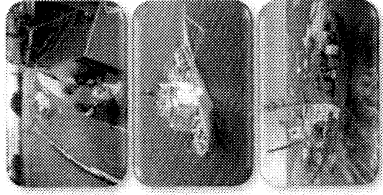
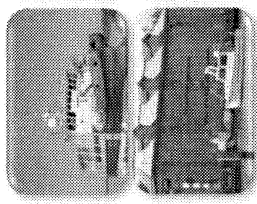
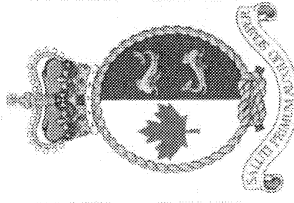
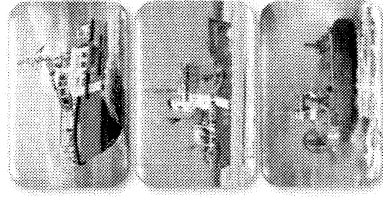
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OPERATIONS BRIEFING

SÉANCE D'INFORMATION DES OPÉRATIONS



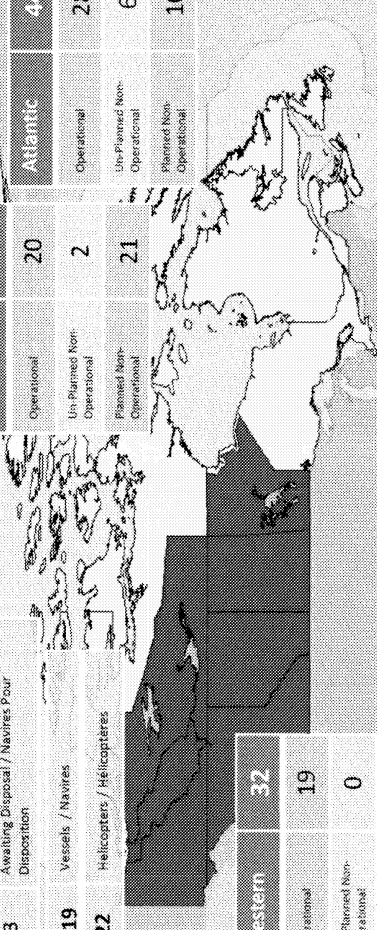
27 November 2018



27 novembre 2018

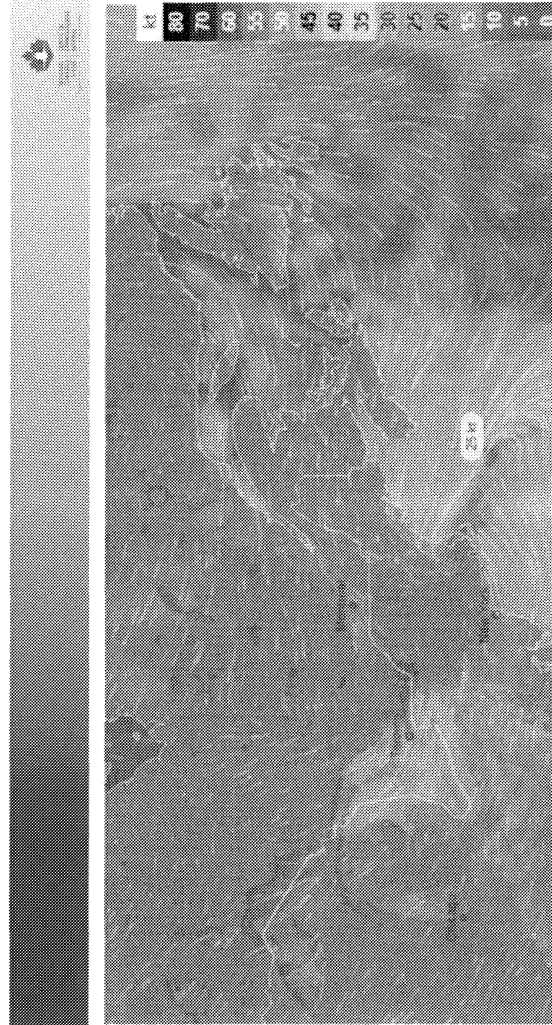
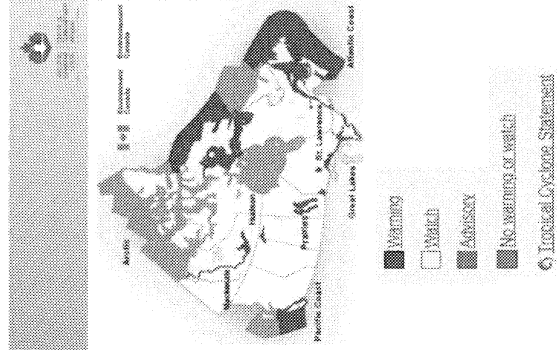
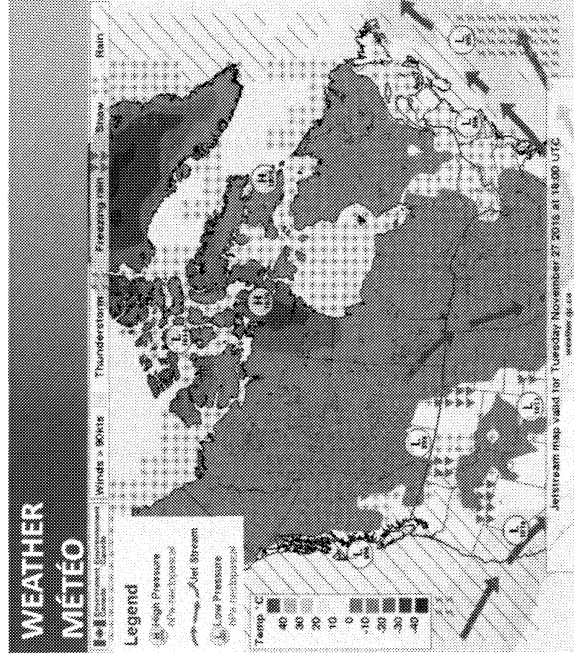
TODAY'S SCHEDULE / HORAIRE D'AUJOURD'HUI		MEETING / RÉUNION		ATTENDANCE / PERS. REQUIS	
#	MORNING OPS / SÉANCE D'INFO ROUND TABLE / TOUR DE TABLE			ALL / TOUS THOSE REQUIRED / CEUX REQUIS	
1.					
2.					
NATIONAL SECURITY LEVELS / NIVEAUX DE SÉCURITÉ NATIONALE					
SECURITY SECTION DIVISION DE SÛRETÉ	RESPONSIBLE AGENCY AGENCE RESPONSABLE	LEVEL / NIVEAU			
MARINE SECURITY (MARSEC) SÛRETÉ MARITIME (MARSEC)	TRANSPORT CANADA TRANSPORTS CANADA				
FEDERAL FACILITIES SECURITY SÛRETÉ D'ÉDIFICES FÉDÉRAUX	PUBLIC SAFETY - SÉCURITÉ PUBLIQUE CANADA				
NATIONAL TERRORISM THREAT MENACE TERRORISTE NATIONALE	INTEGRATED TERRORISM ASSESSMENT CENTRE / CENTRE INTÉGRÉ D'ÉVALUATION DU TERRORISME	Medium			

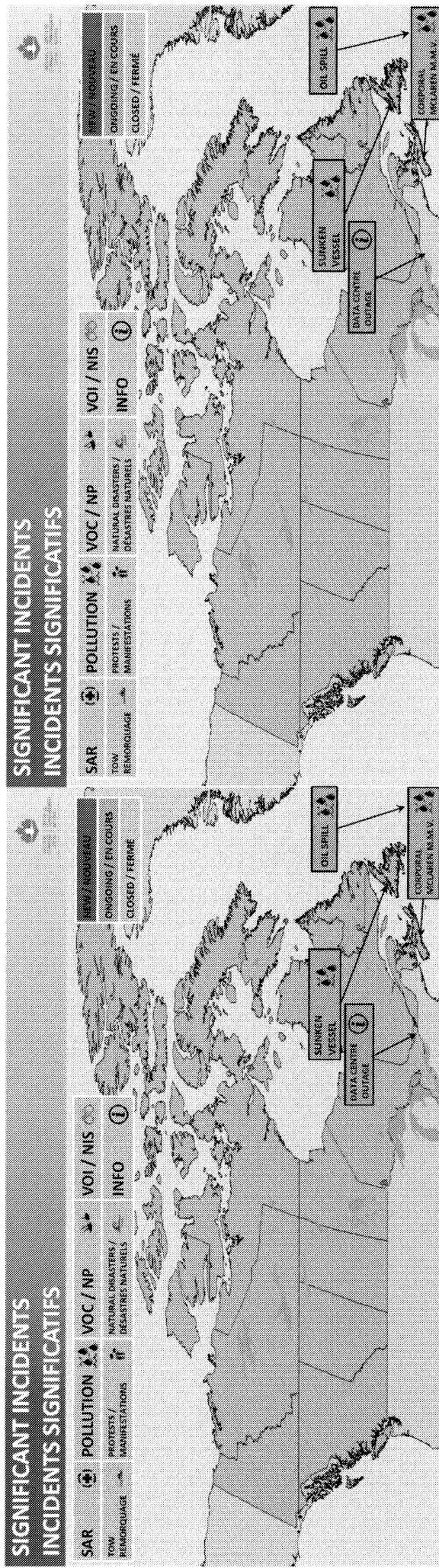
CANADIAN COAST GUARD (CCG) ASSET DISPOSITION DISPOSITION DES ÉLÉMENTS DE LA GARDE CÔTIÈRE CANADIENNE (CCG)					
10	Vessels Under Construction / Navires En Construction	43	Central and Arctic	44	Atlantic
3	Awaiting Disposal / Navires Pour Disposition	20	Operational	28	Operational
119	Vessels / Navires	2	Un-Planned Non-Operational	6	Un-Planned Non-Operational
22	Helicopters / Hélicoptères	21	Planned Non-Operational	10	Planned Non-Operational



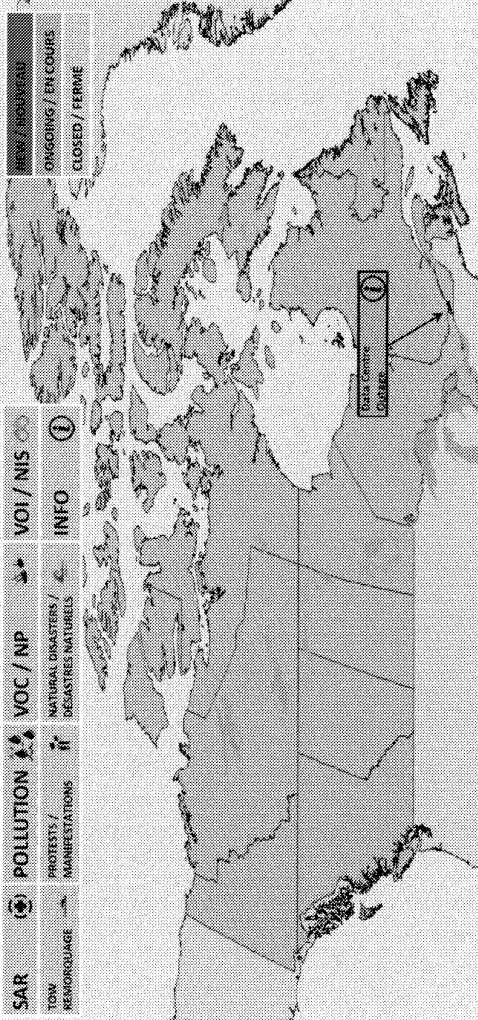
Western	32
Operational	19
Un-Planned Non-Operational	0
Planned Non-Operational	13

REDUCED / RÉDUITE	RESTRICTED / RESTREINTE	NORMAL / NORMALE	ENHANCED / RENFORCÉE	CRITICAL / CRITIQUE
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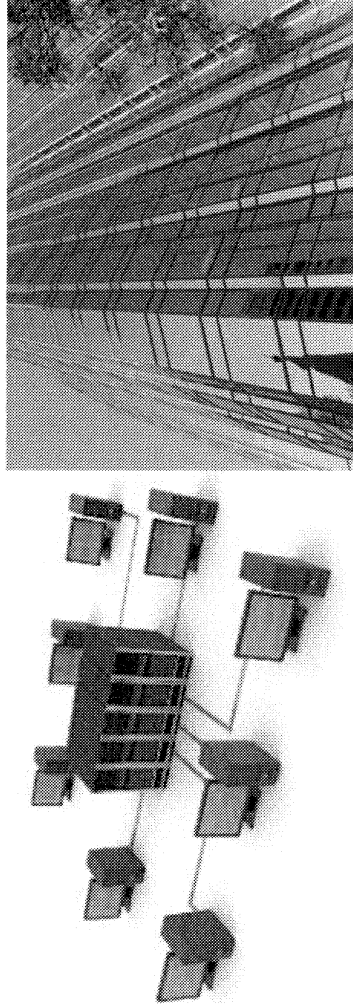




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SIGNIFICANT INCIDENTS – Data Centre Outage INCIDENTS SIGNIFICATIFS – Panne Centre Informatique



SIGNIFICANT INCIDENTS INCIDENTS SIGNIFICATIFS

SAR

TOV
REMORQUAGE

POLLUTION

PROTESTS /
MANIFESTATIONS

VOC / NP

NATURAL DISASTERS /
DÉSASTRES NATURELS


VOI / NIS

INFO

NEW / RÉCENT

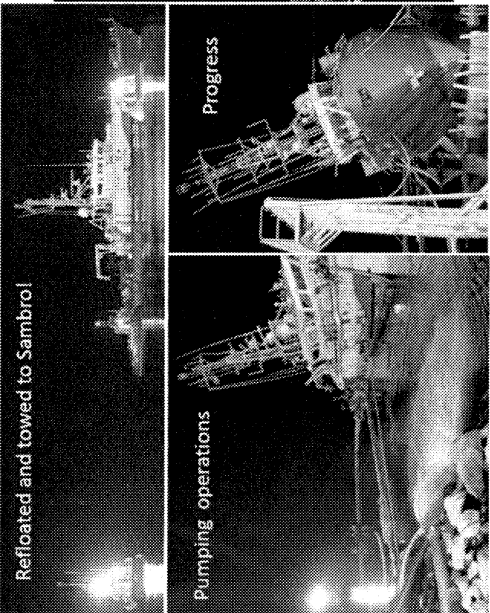
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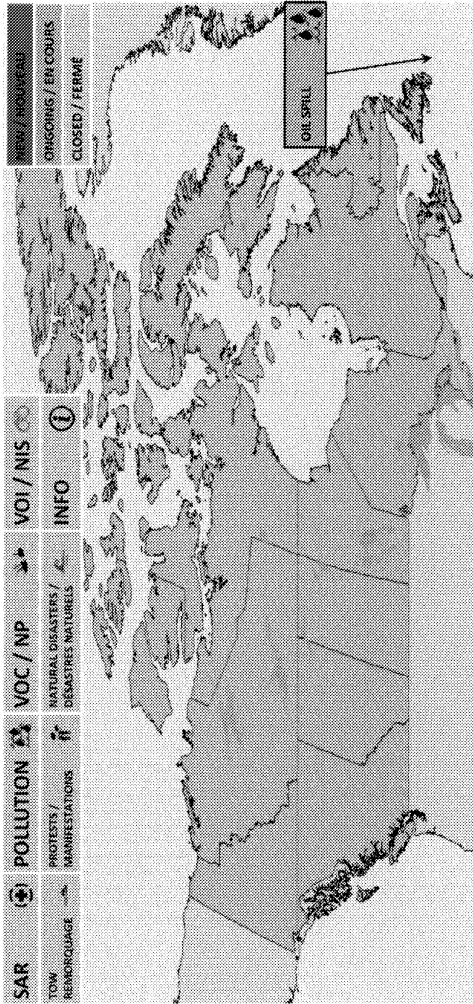


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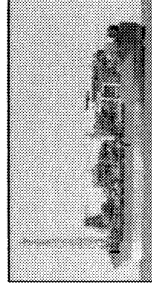
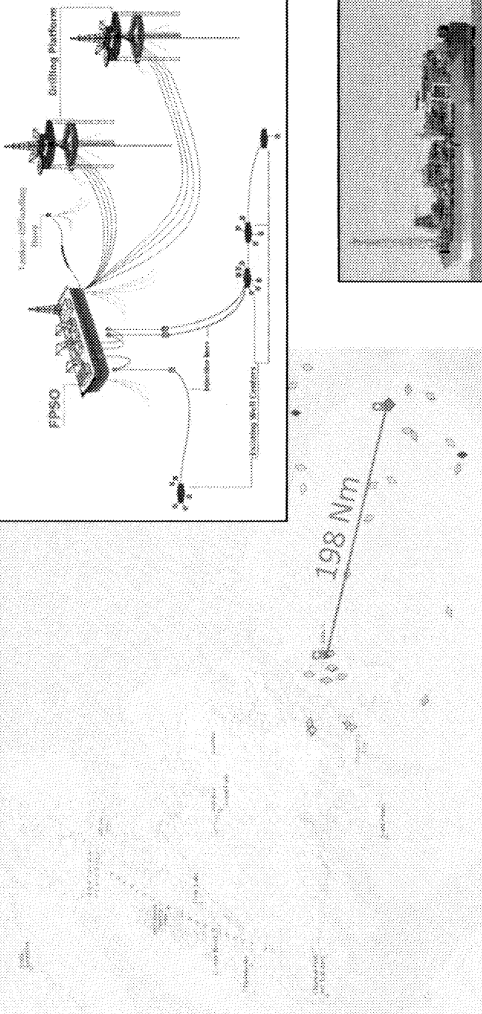
SIGNIFICANT INCIDENTS DETAILS / CCGS Corporal McLaren MCMV DÉTAILS D'INCIDENTS SIGNIFICATIFS / NGCC Corporal McLaren MCMV






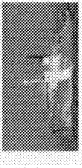


SIGNIFICANT INCIDENTS INCIDENTS SIGNIFICATIFS



SIGNIFICANT INCIDENTS DETAILS / Crude Oil spill DÉTAILS D'INCIDENTS SIGNIFICATIFS / Déversement de pétrole brut



NON-OPERATIONAL CCG VESSELS – ATLANTIC REGION NAVIRES NON-OPÉRATIONNELS DE LA GCC – RÉGION DE L'ATLANTIQUE

ID#	Vessel / Navire	Details / Détails			Image	ID#	Vessel / Navire	Details / Détails			Image
1	HARP (SAR)	Unplanned maintenance for port clutch issues. No firm timeline since still assessing whether gearbox can be repaired on site or will need to be sent away. Impact: Alternate coverage required for SAR on east coast of Newfoundland.	DOS / DHS:	August 31		4	GEORGES R. PEARKES (AtoN)	Refit delay: installation of the speed crane as well as the installation and training on the new radars and GMDSS. RTS December 1. Impact: Northumberland Strait buoy program will be delayed (originally scheduled to begin November 26).	DOS / DHS:	November 21	
			RTS / RES:	Unknown				RTS / RES:	December 1		
			Location:	St. John's, NL				Location:	St. John's NL		
2	SPRAY (SAR)	Refit delay. Extensive corrosion on hull. Sea trials scheduled for November 27 th . Impact: Minimal. Vessel is a spare.	DOS / DHS:	August 31		5	CYGNUS (NAFO)	Refit delay: The tail shaft needs to be machined. Impact: The NAFO program affected due to only one NAFO vessel being operational.	DOS / DHS:	November 21	
			RTS / RES:	Unknown				RTS / RES:	December 1		
			Location:	Shelburne, NS				Location:	St. John's NL		
3	CAP BRETON (SAR)	Severe ice conditions in harbour. Vessel is currently out of the water, but will be put back in if conditions allow. Station scheduled to close for season Dec 21. Impact: Reduced SAR coverage Gulf of St. Lawrence.	DOS / DHS:	Nov 19		6	S. DUDKA (C&P)	Accidental discharge of their CO ₂ canister. Since their system is older, they have to send their canisters to the U.S. for servicing. This would take so long that they've decided to take her out for the season.	DOS / DHS:	November 22	
			RTS / RES:	Unknown				RTS / RES:	Unknown		
			Location:	Shippagan, NB				Location:	Alberton, PE		

NON-OPERATIONAL CCG VESSELS – CENTRAL & ARCTIC REGION
NAVIRES NON-OPÉRATIONNELS DE LA GCC – RÉGION DU CENTRE ET DE L'ARCTIQUE



ID#	Vessel / Navire	Details / Détails			Image	ID#	Vessel / Navire	Details / Détails			Image
		DOS / DHS:	RTS / RES:	Location:				DOS / DHS:	RTS / RES:	Location:	
1	CONSTABLE CARRIERE	Update: Non-operational due to unplanned maintenance. The emergency generator breaker that has been removed and sent to the CCGS A. Leblanc. They will remain in this status until December 9th, at which point they will demobilize for the winter. Impact: None – no scheduled MSET program.	October 18					DOS / DHS:			
			N/A					RTS / RES:			
			Burlington, ON					Location:			
2	MARTHA L. BLACK (Aton)	Delay in drydock. Impact: Delay to Aids to Navigation decommissioning program for commercial buoys.	October 17					DOS / DHS:			
			November 30					RTS / RES:			
			Hamilton, ON					Location:			
								DOS / DHS:			
								RTS / RES:			
								Location:			

**CCG HELICOPTER DISPOSITION
RÉPARTITION DES HÉLIOPÔTES DE LA GCC**

Western				Central and Arctic				Atlantic			
ID	Type	Location	Status	ID	Type	Location	Status	ID	Type	Location	Status
CG 435	Bell 429	Shoal Point, BC	●	CG 434	Bell 429	Parry Sound, ON	●	CG 432	Bell 429	CCGS Henry Larsen	●
CG 440	Bell 429	Shoal Point, BC	●	CG 439	Bell 429	Québec, QC	●	CG 433	Bell 429	Stephenville, NL	●
CG 443	Bell 429	Shoal Point, BC	●	CG 441	Bell 429	Québec, QC	●	CG 436	Bell 429	Shearwater, NS	●
CG 943	Bell 412	Seal Cove Base, BC	●	CG 444	Bell 429	Québec, QC	●	CG 437	Bell 429	Shearwater, NS	●
CG 946	Bell 412	Shoal Point, BC	●	CG 445	Bell 429	Ottawa, ON	▲	CG 438	Bell 429	CCGS Louis S. St-Laurent	●
CG 948	Bell 412	Seal Cove Base, BC	●	CG 942	Bell 412	Parry Sound, ON	▲	CG 442	Bell 429	St. John's, NL	◆
				CG 945	Bell 412	Québec, QC	▲	CG 446	Bell 429	Ottawa, ON	▲
								CG 944	Bell 412	Ottawa, ON	▲
								CG 947	Bell 412	St. John's, NL	●
Operational				Planned Non Operational				Unplanned Non Operational			

**UNPLANNED NON-OPERATIONAL CCG HELICOPTERS
HÉLIOPÔTES NON-OPÉRATIONNELS NON-PLANIFIÉS DE LA GCC**

ID #	TYPE	BASE	DETAILS / DÉTAILS		IMAGE
CG 442	Bell 429	St. John's, NL	DOS/DHS: 26 November Unplanned maintenance	RTS/RES: December 6	
			DOS/DHS:	RTS/RES:	
			DOS/DHS:	RTS/RES:	
			DOS/DHS:	RTS/RES:	
			DOS/DHS:	RTS/RES:	
			DOS/DHS:	RTS/RES:	
			DOS/DHS:	RTS/RES:	

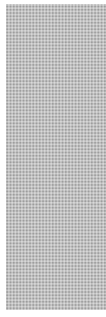
s.16(2)
s.19(1)

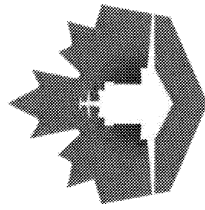
CCG SENIOR MANAGEMENT DISPOSITION / DISPOSITION DE LA HAUTE GESTION DE LA GCC				NATIONAL COMMAND CENTRE INFORMATION BULLETIN / BULLETIN D'INFORMATION DU CENTRE DE COMMANDEMENT NATIONAL	
Senior Officer / Titulaire (Grade)	Position	Location	Officer		
J. Hutchinson	Commissioner / Commissaire		Andy Smith		
M. Pelletier	Deputy Commissioner - Operations / Sous-commissaire - Opérations		Wade Spurrell		
A. Smith	Deputy Commissioner - Strategy & Shipbuilding / Sous-commissaire - Stratégie et construction navale	OTTAWA			
J. Gascon	Director General - Operations / Directeur général - Opérations		Michèle LeBlanc		
S. Ryan	Director General - Integrated Technical Services / Directeur général - Services techniques intégrés	OTTAWA			
M. Sanderson	Acting Director General - National Strategies / Directeur général par intérim - Stratégies nationales	OTTAWA			
M-C. Haubert	Director General - Integrated Business Management Services / Directrice générale - Services de gestion intégrée des affaires		Dominic Parent		
R. Wight	Director General - Major Projects / Directeur général - Projets majeurs	OTTAWA			
G. Ivany	Acting Assistant Commissioner - Central & Arctic Region / Commissaire adjoint par intérim - Région du Centre et de l'Arctique		Adam Wettiges		
B. LeBlanc	Acting Assistant Commissioner - Atlantic Region / Commissaire adjoint par intérim - Région de l'Atlantique	ST. JOHN'S			
R. Girouard	Assistant Commissioner - Western Region / Commissaire adjoint - Région de l'Ouest	VICTORIA			
P. Jean	Acting Executive Director - Canadian Coast Guard College / Directeur exécutif par intérim - Collège de la Garde côtière canadienne	SYDNEY			

NCC DUTY OFFICER / AGENT DU NCC EN SERVICE

Adrienne Ewart

CONTACT NUMBERS / NUMÉROS DE CONTACT



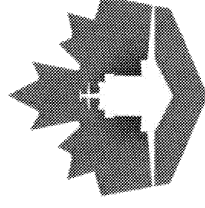


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COMMANDEMENT
NATIONAL

CANADIAN COAST GUARD

GARDE CÔTIÈRE CANADIENNE



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**National Command Centre
Operations Brief
Tuesday 27 November 2018**

NATIONAL SECURITY LEVELS

National MARSEC level ¹	
Federal facilities readiness level ²	
National terrorism threat level ³	

3 of 5 (medium)

ASSET DISPOSITION

	Vessels	119
	Helicopters	22
Atlantic Region:	Fleet Readiness	Reduced*
	Non Operational Unplanned	6
	Non Operational Planned	8
Central and Arctic:	Fleet Readiness	Reduced*
	Non Operational Unplanned	4
	Non Operational Planned	12
Western Region:	Fleet Readiness	Normal
	Non Operational Unplanned	1
	Non Operational Planned	12

We have updated the number of vessels under construction (VUC) to include the 4 most recent Bay Class Vessels. The **10** VUC are now: Baie de Plaisance, Pachena Bay, McIntyre Bay, OFSV 1, OFSV 2, OFSV 3, HMP Bay Class 3, HMP Bay Class 4, CNF Bay Class 3, and CNF Bay Class 4.

* On October 19, Central and Arctic Region changed their Fleet Readiness profile to Reduced. Commercial AtoN program significantly delayed and advancing at a reduced operational tempo due to delays in the return to service of large AtoN assets (Martha L. Black and Griffon). Limited capacity for AtoN and ITS maintenance on floating and fixed aids. Diminished NOTSHIP response capacity in GL and SL sectors. Sir William Alexander began Aids to Navigation in SL sector on November 20. St Lawrence sector SAR vessels ending program early due to weather and ice conditions.

*On November 26th, Atlantic region moved from Blue to Yellow. This is due to several vessels being non-operational which has impacted all of the fleet programs.

¹ Set by the Minister of Transport

² Set by the Privy Council Office

³ Set by the Integrated Terrorism Assessment Centre.

National Command Centre
Operations Brief
Tuesday 27 November 2018

WEATHER

STORM WARNINGS ON THE EAST COAST:

FISHERIES – LOBSTER FISHING AREAS 33/34 DUMPING DAY – SOUTHWEST NS

There are ongoing storm warnings near Newfoundland, which has lead to the decision that Lobster Fishing Area 33 and 34 will not open on Wednesday.

The strong NE winds over the next few days have raised some concern.

Current forecasts would indicate a potential opening on Friday.

Sir Wilfred Grenfell is off the coast of NS, on route to area.

SIGNIFICANT INCIDENTS

ONGOING – 4

IT/IM – 200 KENT STREET DATA CENTER OUTAGE – OTTAWA, ON

On November 24, 2018/1745 UTC, ROC ATL was advised by NCC on an Outage of Microsoft Outlook exchange affecting Coast Guard National Capital Region and Central and Arctic Region who are unable to send and receive e-mails. The outage also affected MSOC East and West e-mail capabilities. Approximately 4 hours later, e-mail capabilities were restored. The source of the outage was the 200 Kent Street Data Center being down. Shared Service Canada (SSC) was on site Saturday.

Update: Critical applications are running. This was apparently a test to assess impacts of a planned shut down next week that is required to replace the glycol from the leak that happened in the summer. This may mean additional issues this coming weekend as well.

National Command Centre
Operations Brief
Tuesday 27 November 2018

ER – CCGS CORPORAL MCLAREN PARTIALLY SUBMERGED – SAMBRO, NS

Recap: November 17, the CCGS Corporal McLaren was reported partially submerged in the water after slipping off the cradle during refit in Sambro, NS. Halifax Regional Police and RCMP are investigating the incident. The Incident Command Post (ICP) was stood up November 19. CME is the responsible party, and CCG the lead agency. On November 25th (Sunday) pumping operations began, but has to be stopped shortly after due to suction hose problems. A second pumping operation was attempting later that day, but the vessel did not react as planned, so they halted operations. Actions to stabilize the vessel were taken. A new model and salvage plan will have to be worked on by naval architects. Mechanical assistance in the form of cables and air bags are being incorporated into the salvage plan. Sambro Cutter and FRC on standby to assist in containment booming. Vacuum trucks to pump bulk pollutant's from the vessel once at the dock in Sambro. After the vessel is secured and pumped, the vessel will undergo a damage assessment. 24 hour safety and security detail will be assigned.

Update: Yesterday afternoon, pumping operations began, and the vessel was dewatered by the evening. RMI tugs successfully towed the CCGS Corporal McLaren to the Sambro government wharf last night. A containment boom was placed around the vessel and two pump trucks are on site to remove all bulk pollutants. The ICP will remain stood up throughout the day. The vessel will be flushed with fresh water and pumped out to ensure all hydrocarbons are removed. CCG will remain on site throughout the damage assessment phase. 24 hour security will remain on site.

ER – SEAROSE FPSO CRUDE OIL SPILL – OFFSHORE NL

Recap: November 16, the SEAROSE FPSO (Floating Production, Storage, and Offloading) reported losing approximately 250m³ of crude oil. CCG ER contacted C-NLOPB (Canada-Newfoundland and Labrador Offshore Petroleum Board), the Lead Agency, who is working with the owner/operator, Husky Energy. On November 19, an ROV survey identified the source of the release as a disconnected weak link and the Memorandum Of Understanding (MOU) between CCG and C-NLOPB was officially activated. Several overflights have found no signs of the crude oil release, some oiled birds have been identified and treated and Husky Energy has shut down their Incident Command Post. ECCC-CWS remain fully engaged with Husky Energy and the C-NLOPB regarding wildlife impacts. No further role likely for CCG. 83m³ of crude oil remaining in line. Anticipated timeline is 2-3 weeks (Mid December) for development of the response plan and repair solution for the damaged pipe.

Update: A second Single Vessel Side Sweep (SVSS) containment and recovery system has been deployed offshore as plans are under development for the recovery of the weak link from the sea bed. Husky Energy is in the process of installing Oil Spill Detection Radars on all vessels monitoring this incident, to increase their detection capacity. ECCC-Emergencies Science and Technology Section has completed a review of the proposed Husky Energy water sampling program. Comments have been supplied to the C-NLOPB. CCG remains in close contact with the board to provide assistance for aerial surveillance and/or response plan reviews received from Husky.

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ER – VESSEL SUNK AT WHARF – CORNERBROOK, NL

Recap: On November 6, 50-ft pleasure craft **Beverly Gae** sank at the wharf in Cornerbrook, NL. CCG ER removed recoverable pollutants. CCG ER working to develop a plan to tow vessel to deconstruction site to eliminate threat pollution [REDACTED] contract was issued for tow of vessel. Tug departed Springdale, NL 25/0930 NST but had to proceed to safe anchorage to shelter from weather. Acceptance of vessel at Port Saunders confirmed, ETA later this week.

Update: Tug departed Snook's Arm NL for Summerside Nov 26/0730 NST. ER personnel will continue dewatering operations as required. Awaiting quote for removal from water and deconstruction of vessel.

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NON-OPERATIONAL VESSELS

ATLANTIC REGION

UNPLANNED

1. **George R. Pearkes** – St. John's, NL – Refit delay: installation of the speed crane as well as the installation and training on the new radars and GMDSS. **RTS December 1.** Impact: The Northumberland Strait buoy program will be delayed, originally scheduled to begin November 26. The Pearkes was scheduled to complete the Labrador program, due to the delay the Edward Cornwallis has been sent to complete the program.
2. **Cygnus** – St. John's, NL – Refit delay. Drydock. **RTS December 1.** The tail shaft needs to be machined. Impact: The NAFO program affected due to only one NAFO vessel being operational.
3. **S. Dudka (C&P)** – CO2 canister accidentally discharged on Nov 22. Since their system is older, they have to get the canisters sent to the U.S. in order to be serviced. That process would take 2 weeks, and since this would impede the Dudka's ability to complete her program, they have decided to keep her non-ops until the end of her season (end of December) at which point she will fall under planned non-ops. **RTS: Spring 2019**
4. **Harp (SAR)** – St. John's, NL. **RTS unknown**, no firm timeline since still assessing whether gearbox can be repaired on site or will need to be sent away. Unplanned maintenance for port clutch issues. Impact: Alternate coverage required for SAR on east coast of Newfoundland. *(November 10 update: still unknown, ROC Atl will advise when they find out.)*
5. **Cap Breton (SAR)** – Shippagan, NB – Vessel removed from the water due to ice conditions in the harbour. Will be put back in if conditions allow. Station scheduled to close December 21. Impact: Reduced SAR coverage in the Gulf of St. Lawrence.
6. **Spray (SAR)** – Dartmouth, NS. **RTS unknown.** Refit delay. No sea trials were done over the week-end since they were continuing repairs. Both engines have been overhauled and are expected to be complete Nov 26th in phase 2 of this refit after the hull repairs under D rubber sections were completed this past summer in phase 1. This was a major repair as it ran all around the vessel exterior. Sea trials are expected to happen over weekend, but no need to crew unless an existing resource goes non operational. Impact minimal: spare VSL.

PLANNED

1. **Louis S. St-Laurent** – St. John's, NL. Post-Arctic demobilization
2. **Terry Fox** – St. John's, NL. Refit – **RTS January 10, 2019.**
3. **Capt. Molly Kool** – Davie Shipyard, QC. Refit.
4. **Henry Larsen** – St. John's, NL. Post Arctic demobilization.

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5. **Ann Harvey** – Les Méchins, QC. Vessel life extension. RTS February 2019.
6. **Earl Grey** – Dartmouth, NS. Alongside refit. RTS January 7, 2019.
7. **Corporal McLaren M.M.V.** – Sambro, NS. Refit delay. RTS unknown. Original end of refit date December 19.
8. **M. Perley** – Dartmouth, NS – Demobilization.
9. **Clark's Harbour (SAR)** – West Head, NS. RTS November 26. Impact: NONE – Courtenay Bay is on station at the Clark's Harbour Station (West Head) to provide the SAR coverage for SAR 007 Southwestern Shore, NS.
10. **Goeland** - Sydney, NS – Spare

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CENTRAL & ARCTIC REGION

UNPLANNED

1. **Constable Carriere** – Burlington, ON. Update: Non-operational due to unplanned maintenance. The emergency generator breaker that has been removed and sent to the CCGS A. Leblanc. They will remain in this status until December 9th, at which point they will demobilize for the winter. Impact: None – no scheduled MSET program.
2. **Martha L. Black (AtoN)** – Hamilton, ON. RTS updated to November 30. Drydock delay. Impact: Delay to Aids to Navigation decommissioning program for commercial buoys.

PLANNED

1. **A. LeBlanc** – North Sydney, NS. Drydock until December 5.
2. **Amundsen** – Québec, QC. Refit. RTS December 4.
3. **Cap Aupaluk** – Mont-Joli, QC. Spare
4. **Cape Mercy** – Burlington, ON. Spare
5. **Des Groseilliers** – Pointe au Pic, QC. Vessel life extension. RTS December 14.
6. **Cove Isle** – Burlington, ON – UPS & Gyro Failure – Vessel had started demobilization for planned refit and can still transit to Heddle Marine – Damage TBD
7. **Leim** – Québec, QC – Transit to Sorel, ETA Nov 29
8. **Frederick G. Creed** – Demob starting Nov 26, transiting towards l'Île aux Coudres
9. **F.C.G Smith** – Demob starting Nov 26, currently in Sorel
10. **Helen Irene Battle** – Mont-Joli, QC
11. **Jean Bourdon** – Mont-Joli, QC. Lay-up
12. **Kelso** – Burlington, ON. Mobilization/Demobilization.
13. **G.C. 03** – Île aux Coudres, QC. Dry-docking.
14. **Pierre Radisson** – Québec, QC. Maintenance. RTS December 19.
15. **Thunder Cape** – Amherstburg, ON. Lay-up
16. **Traverse** – Kenora, ON. Mobilization/Demobilization
17. **Cap de Rabast** – Tadoussac, QC – Pulled from the water Nov 26 due to weather and ice conditions. Originally supposed to finish the season November 30.
18. **Cap Percé** – SW of Sept-Îles, QC – Pulled from the water Nov 26 due to weather and ice conditions. Originally supposed to finish the season November 30.
19. **Cap Rozier** – SW of Sept-Îles, QC – Pulled from the water Nov 26 due to weather and ice conditions. Originally supposed to finish the season November 30.
20. **Cap D'Espoir** – Rivière-au-Renard, QC – Pulled from the water Nov 26 due to weather and ice conditions. Originally supposed to finish the season November 30.
21. **Cap Tourmente** – Tadoussac, QC – Pulled from the water Nov 26 due to weather and ice conditions. Originally supposed to finish the season November 30.

Note: CCGS Baie de Plaisance is being readied for operation in Cap-aux-Meules, QC. Transition into service expected in the Spring of 2019 after warranty work at CNF over the winter.

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WESTERN REGION

UNPLANNED

PLANNED

1. **Sir Wilfrid Laurier** – Victoria, BC – Demobilizing for drydock.
2. **Neocaligus** – Drydock Campbell River until 3 DEC 2018.
3. **Tanu** – North Vancouver, BC – Drydock at Allied shipyard Oct 24 to December 19.
4. **M. Charles M.B.** – Secured at Point Hope Shipyards, BC. Drydock.
5. **Otter Bay** – Patricia Bay, BC – Lay-up for the winter.
6. **Dumit** – Hay River, NT – Drydock for winter.
7. **Eckaloo** – Inuvik, NT – Lay-up for the winter.
8. **Moorhen** – Patricia Bay, BC – Spare.
9. **Vakta** – Gimli, MB – Lay-up for winter season. Drydock.
10. **Moytel** – Sea Island, BC – Refit until December 18.
11. **Cape Naden** – Patricia Bay, BC – Refit until December 18.
12. **Cape Cockburn** – Patricia Bay, BC – Refit until December 3.
13. **Atlin Post** – Patricia Bay, BC – Lay-up

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HELICOPTERS

UNPLANNED NON-OPERATIONAL

1. CG 442 (Bell 429) – St. John's, NL. RTS December 6. Unplanned maintenance.

PLANNED NON-OPERATIONAL

2. CG 436 (Bell 429) – Shearwater, NS – RTS November 28. Planned maintenance
3. CG 446 (Bell 429) – Ottawa, ON – RTS Updated to November 28 (from Nov. 22) Planned maintenance.
4. CG 944 (Bell 412) – Ottawa, ON – RTS December 21. Planned maintenance.
5. CG 942 (Bell 412) – Parry Sound, ON RTS December 4. Planned maintenance
6. CG 445 (Bell 429) – Ottawa, planned maintenance. RTS December 21.
7. CG 945 (Bell 412) – Québec, QC – Maintenance. RTS November 26
8. CG 943 (Bell 412) – Seal Cove Base, BC – Scheduled maintenance; 5 year inspection.

OPERATIONAL

9. CG 432 (Bell 429) – CCGS Henry Larsen
10. CG 433 (Bell 429) – Stephenville, NL
11. CG 437 (Bell 429) – Shearwater, NS
12. CG 947 (Bell 412) – St. John's, NL – Now Operational
13. CG 438 (Bell 429) – CCGS Louis S. St-Laurent
14. CG 434 (Bell 429) – Parry Sound, ON
15. CG 439 (Bell 429) – Québec, QC
16. CG 441 (Bell 429) – Québec, QC
17. CG 444 (Bell 429) – Québec, QC
18. CG 435 (Bell 429) – Shoal Point, BC
19. CG 440 (Bell 429) – Shoal Point, BC
20. CG 443 (Bell 429) – Shoal Point, BC
21. CG 946 (Bell 412) – Shoal Point, BC
22. CG 948 (Bell 412) – Seal Cove Base, BC

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OPERATIONAL VESSELS

ATLANTIC REGION

16 SAR

1. **Sir Wilfred Grenfell** – Sheet Harbour, NS– SAR East
2. **Cape Roger** – Shelburne, NS – SAR West
3. **Bickerton** – Port Bickerton, NS - SAR 008 Eastern Shore [NS]
4. **Cap Nord** – Charlottetown, PEI- SAR 004 Southern Gulf
5. **Cape Edensaw** – Saint John, NB- SAR 006 Fundy
6. **Cape Fox** – Lark Harbour, NL - SAR 031 West Coast [NL]
7. **Cape Norman** – Port au Choix, NL- SAR 031 West Coast [NL]
8. **Cape Spry** – Souris, PE- SAR 004 Southern Gulf
9. **Courtenay Bay** – West Head, NS- SAR 007 Southwestern Shore [NS]
10. **Pennant Bay** – St. Anthony, NL- SAR 032 North-East Coast [NL]
11. **Sambro** – Sambro, NS- SAR 008 Eastern Shore [NS]
12. **Spindrift** – Louisburg, NS- SAR 005 North-East Coast [NS]
13. **W. G. George** – Burgeo, NL- SAR 034 South Coast [NL]
14. **W. Jackman** – Burin, NL- SAR 034 South Coast [NL]
15. **Westport** – Westport, NS- SAR 006 Fundy
16. **Corporal Teather C.V.** – Bay Roberts, NL – Vessel sea trialed Saturday for approx. 1 hour – indications of a coolant leak persist – vessel operational and main engines running well but high concerns and continuing to monitor situation very closely.- SAR 033 East Coast [NL]
 - a. temporarily transferred to the Atlantic region to help them cover SAR while one of their buoy tenders helps C&A with their AtoN program.

5 CONSERVATION & PROTECTION

17. G. Peddle S.C.
18. Cape Light
19. Geliget – Leak in STBD Jet seal – Continuous Monitoring
20. Pointe Caveau
21. Leonard J. Cowley - St.John's, NL (C&P/SAR 033)

0 NAFO

2 AIDS TO NAVIGATION

22. **Edward Cornwallis** – Lake Melville, NL. Assistance to M/V Tuvaq.
23. **Sir William Alexander** – Ile d'Orleans, QC. MNS Discrepancies.
 - a. Completing C&A buoy program started by the Edward Cornwallis.

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6 SCIENCE

- 24. Hudson – NE Cape Bonavista
- 25. Teleost – Hamilton Bank
- 26. Alfred Needler – E of Belle Isle, NL (Science/SAR 032)
- 27. Sigma T – Dartmouth, NS
- 28. Vladykov – Trepassey, NL
- 29. Viola M. Davidson – St. Andrews, NB

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CENTRAL & ARCTIC REGION

10 SAR

1. **Cap aux Meules** – Cap-aux-Meules, QC – Station scheduled to close December 30.
2. **Cape Chaillon** – Thunder Bay, ON – Station scheduled to close November 26.
3. **Cape Commodore** – Tobermory, ON – Station scheduled to close December 3.
4. **Cape Discovery** – Goderich, ON – Station scheduled to close December 3.
5. **Cape Dundas** – Amherstburg, ON – Station scheduled to close December 10.
6. **Cape Hearne** – Kingston, ON – Station scheduled to close December 10.
7. **Cape Lambton** – Port Dover, ON – Station scheduled to close December 10.
8. **Cape Providence** – Meaford, ON – Station scheduled to close December 3.
9. **Cape Rescue** – Cobourg, ON – Station scheduled to close December 10.
10. **Cape Storm** – Port Weller, ON – Station scheduled to close December 10.

6 AIDS TO NAVIGATION

11. **Griffon (AtoN)** – Québec City, Qc – Gyro has been fixed, the ship is now operational.
12. **Samuel Risley** – Parry Sound, ON. Limited operations [REDACTED]
Daylight sailing only. Crew Change November 28.
13. **Caribou Isle** – Parry Sound, ON
14. **Île Saint-Ours** – Windsor, ON
15. **Mamilossa** – Trois-Rivières, QC.
16. **Sipu Muin (AtoN)** – Trois-Rivières, QC

1 SCIENCE

17. **Limnos** – Bay of Quinte, ON (AtoN/Science)

1 MSET

18. **Caporal Kaeble V.C.** – On route Burlington, ON for winterization

1 OTHER

19. **Private Robertson V.C.** – Returning to Burlington, ON for winterization given ice conditions in Atlantic.

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WESTERN REGION

16 SAR

1. **John P. Tully** – Principe Channel, BC - PRIMARY NORTHERN SAR
2. **Gordon Reid** – Queen Charlotte Sound, BC – PRIMARY SOUTHERN SAR
3. **Bartlett** – Victoria, BC –Vessel alongside for generator maintenance and training week – available for SAR – no gap in SAR coverage since John P. Tully finished program a week early and was able to relieve Gordon Reid who was able to relieve Bartlett.
4. **Cape McKay** – Bamfield, BC
5. **Cape Farewell** – Bella Bella, BC
6. **Cape Palmerston** – Campbell River, BC
7. **Cape Kuper** – French Creek, BC
8. **Cape St. James** – Ganges, BC
9. **CG 158** – Kitsilano, BC
10. **Cape Sutil** – Port Hardy, BC
11. **Cape Caution** – Powell River, BC
12. **Cape Dauphin** – Prince Rupert, BC
13. **Cape Mudge** – Sandspit, BC
14. **Siyay** – Sea Island, BC
15. **Cape Ann** – Tofino, BC
16. **Cape Calvert** – Victoria, BC

1 C&P

17. **Captain Goddard M.S.M.**

1 SCIENCE

18. **Vector** – Saanich Inlet, BC

0 AIDS TO NAVIGATION

1 TOWING

19. **Atlantic Eagle** – Victoria, BC

Annibalini, Sara

From: NCC / CCN (DFO/MPO)
Sent: Tuesday, November 27, 2018 6:11 PM
To: Amelin, Vasili; Atchison, Chris; Bisaillon, Annie; Brooks, Robert; Dugal, Jean-Luc; Dussault, Sheyla; Gascon, Julie; Harvey, Clifford; Haubert, Marie-Christine; Hill, Johanna; Hutchinson, Jeffery; Ivany, Gary; Lapointe, Marie-Andrée; Lebel, Mathieu; Lipohar, Peter; Lockhart, Tara; Mackenzie, Joey; Main Ops Officer / Agent principal des Ops (DFO/MPO); Montreal Ops / Ops Montréal (DFO/MPO); Morelli, Carolyn; Morphet, Jason (NCR); Moss, Derek; NCC / CCN (DFO/MPO); Olson, Kathleen; Pelchat, Isabelle; Pelletier, Mario; Perry, Nigel; 'peter.lipohar@forces.gc.ca'; Richardson, John; CCG ATL ROC / COR ATL GCC (DFO/MPO); ROC1 / COR1 (DFO/MPO); Ryan, Sam; Sanderson, Marc; Smith, Fiona; St-Onge, Emilie; Tettamanti, Ryan; Trudeau, Miriam; Western ROC Superintendent \ Surintendant ROC Ouest (DFO/MPO); Wight, Robert; Wyse, David E
Subject: NCC Evening Operations Update November 27

Good evening,

Please find below an update following this morning's OPS brief. Information is valid as of 18:00 EST. The complete NCC OPS Written Brief for November 28 will be sent out Monday morning.

NEW – 1

ER – BARGE AGROUND – BEAUHARNOIS CANAL, QC

November 27 at 0930EST, tug Wilf Seymour reported their barge Alouette Spirit aground in the St. Lawrence Seaway following loss of steering. Tug Wilf Seymour confirmed no pollution and no ingress of water. Cargo on the barge is aluminum and the tug and barge are in transit from Sept-Îles, QC to Oswego, NY. Navigation in the Seaway was suspended at 1025EST. CCG ER are on site to ensure that environmental risks are minimized. An assessment of the situation was conducted and the responsible party will submit a refloating plan to CCG, TC and VMSL for analysis.

ONGOING – 4

ER – CCGS CORPORAL MCLAREN PARTIALLY SUBMERGED – SAMBRO, NS

Recap: November 17, the CCGS Corporal McLaren was reported partially submerged in the water after slipping off the cradle during refit in Sambro, NS. Halifax Regional Police and RCMP are investigating the incident. The Incident Command Post (ICP) was stood up November 19. CME is the responsible party, and CCG the lead agency. November 26, the vessel was pumped out, refloated and towed to Sambro government wharf. 2 CCG personnel will remain onboard at all times for security.

Update: CCG Mobile Command Post has been relocated to the Government Wharf in Sambro. Two Vacuum trucks have removed water and CME has removed the loose debris from the vessel. A containment boom remains secured around the ship while it remains berthed at the dock. CME and an independent contractor will be conducting an inspection of the marine rail way and cradle. CCG will be maintaining the Incident Command Post status until further notice. A damage assessment has begun on the interior of the vessel.

ER – SEAROSE FPSO CRUDE OIL SPILL – OFFSHORE NL

Recap: November 16, the SEAROSE FPSO (Floating Production, Storage, and Offloading) reported losing approximately 250m³ of crude oil. CCG ER contacted C-NLOPB (Canada-Newfoundland and Labrador Offshore

Petroleum Board), the Lead Agency, who is working with the owner/operator, Husky Energy. A ROV survey identified the source of the release as a disconnected weak link. Several overflights have found no signs of the crude oil release, some oiled birds have been identified and treated. 83m³ of crude oil remains in the line. Anticipated timeline is 2-3 weeks (mid-December) for development of a response plan and repair solution for the damaged pipe.

Update: Daily 15 minute ROV inspections by Husky continue on the weak link and all subsea connections. Daily monitoring for signs of oil continues at the location of the November 16th release. No new reports of surface oil reported and no new observations of oiled wildlife.

ER – VESSEL SUNK AT WHARF – BONAVIDA, NL

NINP issued November 23: On November 22, 30 ft pleasure craft **Arch's Pride** was reported sunk at wharf in Bonavista with an unknown amount of fuel on board. [REDACTED] CCG ER assumed command and control of incident. [REDACTED] Sorbent boom placed around the vessel and site being monitored.

Update: [REDACTED]

[REDACTED] CG ER has submitted Urgent Contract Requirements to the Procurement Hub for immediate action and a Local contractor developing salvage plan and quote for CCG ER to review. Three ER personnel with medium duty hauler and response trailer will be on site Wednesday morning.

ER – VESSEL SUNK AT WHARF – CORNERBROOK, NL

Recap: On November 6, 50-ft pleasure craft **Beverly Gae** sank at the wharf in Cornerbrook, NL. CCG ER removed recoverable pollutants. CCG ER working to develop a plan to tow vessel to deconstruction site to eliminate threat pollution [REDACTED]

Update: Tug departed St. Anthony, NL 27/0830 NST for Summerside, eta 28/0800 NST. At 27/1243 NST tug Captain advises voyage proceeding well, eta Summerside 28/0800 NST. ER personnel will continue dewatering operations as required. Received quote for removal from water and deconstruction of vessel.

CCG ASSETS

1. **Spray (SAR)** – Dartmouth, NS. RTS end of week (Nov 30) for opening of LFA 33/34.
2. **Clark's Harbour (SAR)** – West Head, NS. RTS Nov 29. Sea trials Nov 26 and 27. Fuel tanks drained and cleaned Nov 27.
3. **CG 442 (Bell 429)** – St. John's, NL. RTS December 6. Transmission chip replacement. Part scheduled to arrive in St. John's December 4.

Kimberly Green

Operations Officer | Agente des opérations

National Command Centre (NCC) | Centre de commandement national (CCN)

Maritime Security (MARSEC) | Sûreté maritime (MARSEC)

Canadian Coast Guard | Garde côtière canadienne

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@: kimberly.green@dfo-mpo.gc.ca

Fennelly, Stephanie

From: Yard, David C
Sent: Tuesday, November 27, 2018 12:48 PM
To: Crann, Larry
Subject: Fw: SWRX Mitigation Plan

Hi Larry

Can you send me a short bullet update on Sea Rose

Also can you get the sitrep updated and sent out.

Right now I think we have the sitrep updates at 1600hrs. Can you change that to 0900hrs in morning and that should take care of issue at the morning HQ ops brief.

Thanks

Sent from my BlackBerry 10 smartphone on the Bell network.


From: Miller, Anne <Anne.Miller@dfo-mpo.gc.ca>
Sent: Tuesday, November 27, 2018 12:13
To: Yard, David C
Subject: RE: SWRX Mitigation Plan

Can I have a bullet update by lunch followed a sitrep as yesterday? There is still interest in HQ on this file and response.

Anne Miller

Regional Director, Incident Management, Atlantic Region | Directrice Régionale, Gestion des incidents, Région de l'Atlantique
Canadian Coast Guard | Garde côtière canadienne

CCG Atlantic Region, Dartmouth Office | GCC, Région de l'Atlantique, Bureau de Dartmouth
50 Discovery Drive | 50 chemin Discovery
PO Box 1000 | CP 1000
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Téléphone | Telephone : 902-426-9022
Cell | Cellulaire : 
Email | Courriel : Anne.Miller@dfo-mpo.gc.ca

From: Yard, David C
Sent: November-26-18 5:00 PM
To: Miller, Anne
Subject: Fw: SWRX Mitigation Plan

Sent from my BlackBerry 10 smartphone on the Bell network.

From: Crann, Larry <Larry.Crann@dfo-mpo.gc.ca>
Sent: Monday, November 26, 2018 16:39
To: Yard, David C
Cc: English, Ambrose C; Grant, Robert; George, Terri Lynn
Subject: Fw: SWRX Mitigation Plan

FYI

Sent from my BlackBerry 10 smartphone on the Bell network.

From: Okeefe, Jeff <JOkeefe@cnlopb.ca>
Sent: Monday, November 26, 2018 16:34
To: 'Gareth Igloliorte'
Cc: Pete LeMessurier; Burley, Dave; Young, Elizabeth; graham.thomas@canada.ca; Crann, Larry
Subject: RE: SWRX Mitigation Plan

Garth

Sorry about the delay

We were dealing with restarting of system due to the power interruption this afternoon

Appreciate the draft overview of Husky plan in terms of Monitoring for potential secondary spill and oil spill response for SWRX

As said in the email below, Husky plans to send a formal copy of the SWRX preparedness plan today

There is one item that was discussed on Friday which the CNLOPB believes to be part of the plan was the need for a daily aerial surveillance flight

The C-NLOPB, in consultation with our ECCC and CCG, believe that the potential for secondary spill is still there at SWRX And that the monitoring and surveillance by aerial surveillance is still required going forward until the risk is removed or significantly reduced

This aerial surveillance can be done in coordination with the wildlife observations or other pollution surveillance patrols But there should be every effort , dependence on weather and safety factors for the flight, to get an overflight of the SWRX drill center each day

This surveillance with the satellite, supply vessels and daily ROV surveys will ensure that the immediate and outlying areas of a potential spill area are being surveyed

Husky is expected to include this part in the plan until the risk of the secondary spill at SWRX is dealt with We will available to discuss on Tuesday

Jeff O'Keefe P.Eng P.Geo
Director of Resource Management and Chief Conservation Officer
t. 709 778 1406
c. [REDACTED]
f. 709 778 1432

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www.cnlopb.ca

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**is withheld pursuant to sections
est retenue en vertu des articles**

19(1), 24(1)

**of the Access to Information Act
de la Loi sur l'accès à l'information**

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**is withheld pursuant to section
est retenue en vertu de l'article**

24(1)

**of the Access to Information Act
de la Loi sur l'accès à l'information**

Kelly, Jason

From: Kelly, Jason
Sent: November-27-18 9:50 AM
To: Edison, Margo
Cc: Pilgrim, Bret
Subject: RE: Husky Spill - updates

Bret put these together for us. He also sits in on daily calls etc..

Thanks Bret

jason

From: Edison, Margo
Sent: November-27-18 9:45 AM
To: Kelly, Jason
Subject: RE: Husky Spill - updates

Thanks for this. [REDACTED]

From: Kelly, Jason
Sent: Tuesday, November 27, 2018 9:03 AM
To: Snow, Stephen <Stephen.Snow@dfo-mpo.gc.ca>; Powell, Shawna <Shawna.Powell@dfo-mpo.gc.ca>; Yetman, Dana <Dana.Yetman@dfo-mpo.gc.ca>; Johnson, Roger <Roger.Johnson@dfo-mpo.gc.ca>; Griffiths, Helen <Helen.Griffiths@dfo-mpo.gc.ca>
Cc: Bieger, Tilman <Tilman.Bieger@dfo-mpo.gc.ca>; Edison, Margo <Margo.Edison@dfo-mpo.gc.ca>
Subject: Husky Spill - updates

As an FYI only,

Below is a link to the Husky website where they are providing daily updates on the incident and response

<http://www.huskyenergy.ca/whiterose/>

Also below is some recent notes we put together including a timeline.

Husky Spill update as of 11:00 am on November 26th

- On November 16, 2018 Husky Energy notified the National Environment Emergency Centre (NEEC of ECCC) of an oil slick coming from a pressurized flow line at White Rose oil field 350 km offshore. Husky Energy reported a worst case scenario volume release of 250 000 L.
- DFO received a notification from NEEC on November 16, 2018. DFO initially provided NEEC information on marine mammals and fish species expected in the area.
- Aerial surveys are conducted daily and oil sheen's have not been detected since November 17th.

- There are no commercial fisheries species currently being prosecuted the survey zone. Also, there are no Marine Protected Areas or identified Ecological and Biological Significant Areas in the vicinity.
- Wildlife surveys have identified a small number of oil birds (i.e. 18 as of Nov 23rd), however the occasional marine mammal (i.e. pod of porpoises and one whale as of Nov 23rd) spotted within the survey zone have not been identified as being impacted by oil.
- Husky Energy will be initiating a water quality sampling program this week and a plan for dealing with possible pollution incidents related to repairs to the subsea flowline system is being developed.
- DFO participates in daily briefing, led by NEEC, on the response activities and will be reviewing these plans to offer advice related to our responsibilities.

INCIDENT CHRONOLOGICAL OVERVIEW

Nov. 16:

- DFO received notification of the incident from the NEEC

Nov. 17:

- DFO in direct contact with NEEC to receive updated information and determine if a DFO resources at risk analysis is required.

Nov 18:

- Canada – Newfoundland and Labrador Offshore Petroleum Board (C-NLOPB) on November 18, 2018 announced they are beginning a formal investigation into the root cause of incident.

Nov. 19:

- DFO participated in first daily briefing on the incident and response activities.
- DFO reviewed and provided comments on the Wildlife Response Plan.
- DFO provided NEEC with preliminary information on marine mammal and penniped activity in the vicinity of the Searose
- The ROV survey identified the source of the release as a disconnected weak link. Plans are being developed to recover the connection for further investigation, and to respond to any residual product which may remain in the pipe if it were to be released. Daily ROV inspections of the weak link continue.

Nov. 20:

- DFO participated in daily briefing on the incident and response activities.
- EIC provided the DFO Newfoundland & Labrador Environmental Incident Team with an update on the incident.

Nov 21:

- DFO participated in daily briefing on the incident and response activities.
- C-NLOPB has launched their investigation into the root cause of this incident.

Nov 22:

- DFO participated in daily briefing on the incident and response activities.
- DFO participated in a Science Table teleconference.

Nov 23:

- DFO participated in daily briefing on the incident and response activities.

Nov 24:

- DFO participated in daily briefing on the incident and response activities.

Nov 25

- DFO participated in daily briefing on the incident and response activities.
- DFO completed review of water sampling plan and responded to NEEC

Nov 26

- Husky Energy is expected to submit a draft plan for dealing with possible pollution incidents related to repairs of the pipeline system on Monday, November 26th for review.

LeBlanc, Brian (Acting AC, Atlantic Region)

From: Miller, Anne
Sent: November 27, 2018 6:55 PM
To: MSOC-East / COSM-Est (DFO/MPO)
Cc: Yard, David C; LeBlanc, Brian (Acting AC, Atlantic Region)
Subject: Fwd: Incident SITREP #010 ER, FPSO Sea Rose - 250 Cubic Meters Crude Oil Spill

Please distribute the attached sitrep.

Thanks, Anne

Sent from my iPhone

Begin forwarded message:

From: "Yard, David C" <David.Yard@dfo-mpo.gc.ca>
Date: November 27, 2018 at 1:36:42 PM AST
To: "Miller, Anne" <Anne.Miller@dfo-mpo.gc.ca>
Subject: Incident SITREP #010 ER, FPSO Sea Rose - 250 Cubic Meters Crude Oil Spill

1. CCG Region/Incident Name: Sea Rose FPSO
release estimated at 250 cubic meters of crude

2. Incident Category/Type: Marine ER Type 4

3. Date/Time: November 27, 13:30hrs

4. Primary Department(s)/Agency(s): C-NLOPB

5. Supporting Departments/Agencies: ECCC,
CCG, CWS

6. Regional Location: Atlantic

a. Province/Territory: Newfoundland and
Labrador

b. City: N/A

c. Amplifying location: Sea Rose FPSO,
White Rose Oil Field.

7. Current Situation: The C-NLOPB is continuing to investigate the incident. ECCC- NEEC remains in close daily contact with the C-NLOPB. Daily ROV inspections by Husky continue on the weak link and all subsea connections. Daily monitoring for signs of oil on the surface at the location of the November 16th release continue. No new reports of surface oil reported and no new observations of oiled wildlife. A second Single Vessel Side Sweep (SVSS) containment and recovery system has been deployed offshore. CCG remains in close contact with the board to provide assistance. The board and CCG have received the response plan from Husky.

8. Actions Taken: CCG remains in close contact with the board to provide assistance as required.

Current Actions (other): Husky's plan encompasses both subsea and surface monitoring. The development of four tactics was necessary because weather and sea-state would compromise any single tactics validity. The tactics and environmental conditions under which they will be executed are:

- 1) Subsea monitoring using an ROV will be completed for 15 minutes daily when sea conditions are within ROV deployment parameters. Any day that sea conditions permit monitoring a monitoring report will be provided.
- 2) Contracted Offshore Supply Vessel(s) operating within the field will (during hours of daylight) complete a minimum of two surface monitoring sweeps of the area around SWRX for indications of oil release to the surface. All vessel surveillance activities will be recorded in the ship log.

- 3) **Satellite and pollution surveillance airplane** management have been notified of the location and potential for secondary spill from SWRX. Husky's Oil Spill Response organization, Eastern Canada Response Corporation (ECRC) has requested that any surface anomalies detected during normal tasking of these resources and identified as being within the calculated slick drift area of SWRX be reported to Husky for immediate investigation.

Oil Spill Response:

If monitoring of SWRX indicates another spill has occurred, Husky will enact its Oil Spill Response Plan (EC-M-99-X-PR-00026-001). As per the Oil Spill Response Plan, our tier 1 capability to suitable for releases with oil at risk up to 200m³. In addition to the Tier 1 capacity Husky maintains in the White Rose field, we will also maintain a SVSS on board a supply vessel in the field.

The Maersk Detector will provide a sustained presence in the White Rose Field for the second SVSS. Husky will provide a daily summary report of monitoring operations and their results.

9. Media/Public Communications: High media interest.

10. Activities Next 24 Hours: CCG ER will remain in close contact with C-NLOPB to assist with any Resource Agency requests as required.

11. Environmental Factors: Weather on site could possibly affect aircraft or vessel surveys.

12. Significant Issues: N/A

13. Personnel Status: 3 CCG ER Personnel

14. Equipment Status: Industry – Surveillance Aircraft (PAL), three OSV's – Skandi Vinland ROV Operations on site for subsurface assessment, Maersk Dispatcher – Wildlife Observer and Spill Surveillance, Atlantic Hawk – Safety Stand-by and regular surveillance sweeps.

15. New Requirements: N/A

16. Command Assessment: Continue to monitor incident for further developments and respond to any requests for support from C-NLOPB as required.

17. Next SITREP: When there is a significant change or event.

Fraser, Patrick

From: Brooks, Robert
Sent: Tuesday, November 27, 2018 9:03 PM
To: Justice, Robert
Cc: Brickett, JJ; Fraser, Patrick; DiFranco, Sergio (NCR); Dumoulin, Isabelle; Juratovac, Katrina
Subject: Re: Mitigation Plan - Searose

Thanks Rob, sorry wires tangled! We will need to chat more about Searose and make recommendations when time is right.

For the McLaren, agree we should discuss.

Thx
R

Sent from my iPhone

On Nov 27, 2018, at 8:09 PM, Justice, Robert <Robert.Justice@dfo-mpo.gc.ca> wrote:

Robert – in Terms of Hot Wash, I was thinking more about the internal Hot Wash for McLaren this morning but we should also consider one for Sea Rose (may be a bit premature in my opinion for Sea Rose given there still is an active response – although all we are doing is standing by to support as requested).

Would like to further discuss McLaren Hot Wash and After Action Report with you tomorrow morning if we have an opportunity.

Cheers,

Rob

From: Brooks, Robert
Sent: November-27-18 7:57 PM
To: Brickett, JJ; Fraser, Patrick; DiFranco, Sergio (NCR)
Cc: Justice, Robert; Dumoulin, Isabelle; Juratovac, Katrina
Subject: Fwd: Mitigation Plan - Searose

Gents

See below for the latest from the region on Searose.

Thoughts, questions, flags?

If we were to anticipate increasing questions coming for answers from the GOC - Coast Guard likely would be asked to comment.

What types of information - questions should we be thinking about now to provide our best support to the region - at minimum should we be thinking about:

- how we support reviews of plans etc as appropriate

- share insight from operational and regulatory expertise in HQ to support
- document our activities etc.

Do the updates coming in cover enough information / detail? Anything else we should know / have access to or need to investigate or capture?

Turning our thoughts to post incident - discussion this morning at the table with Wade, we discussed the need for a robust hot wash given it's the first time the MOU has been activated during an incident.

Rob, is OIM placed to lead the hot wash?

Thanks

R

Sent from my iPhone

Begin forwarded message:

From: "Miller, Anne" <Anne.Miller@dfo-mpo.gc.ca>
Date: November 27, 2018 at 6:40:07 PM EST
To: "LeBlanc, Brian (Acting AC, Atlantic Region)" <Brian.LebLANC@dfo-mpo.gc.ca>, "Brooks, Robert" <Robert.Brooks@dfo-mpo.gc.ca>, "Spurrell, Wade" <Wade.Spurrell@DFO-MPO.GC.CA>
Cc: "Yard, David C" <David.Yard@dfo-mpo.gc.ca>
Subject: FW: Mitigation Plan

Further to the sitrep this evening...following is a more detailed update on the Sea Rose spill response operation.
 Anne

Anne Miller

Regional Director, Incident Management, Atlantic Region | Directrice Régionale, Gestion des incidents, Région de l'Atlantique
 Canadian Coast Guard | Garde côtière canadienne

CCG Atlantic Region, Dartmouth Office | GCC, Région de l'Atlantique, Bureau de Dartmouth
 50 Discovery Drive | 50 chemin Discovery
 PO Box 1000 | CP 1000
 Dartmouth N.S. | N.-É. B2Y 3Z8

Téléphone | Telephone : 902-426-9022
 Cell | Cellulaire : 
 Email | Courriel : Anne.Miller@dfo-mpo.gc.ca

From: Yard, David C
Sent: November-27-18 1:28 PM
To: Miller, Anne
Subject: Fw: Mitigation Plan

Fyi Sea. Rose update sitrep to follow

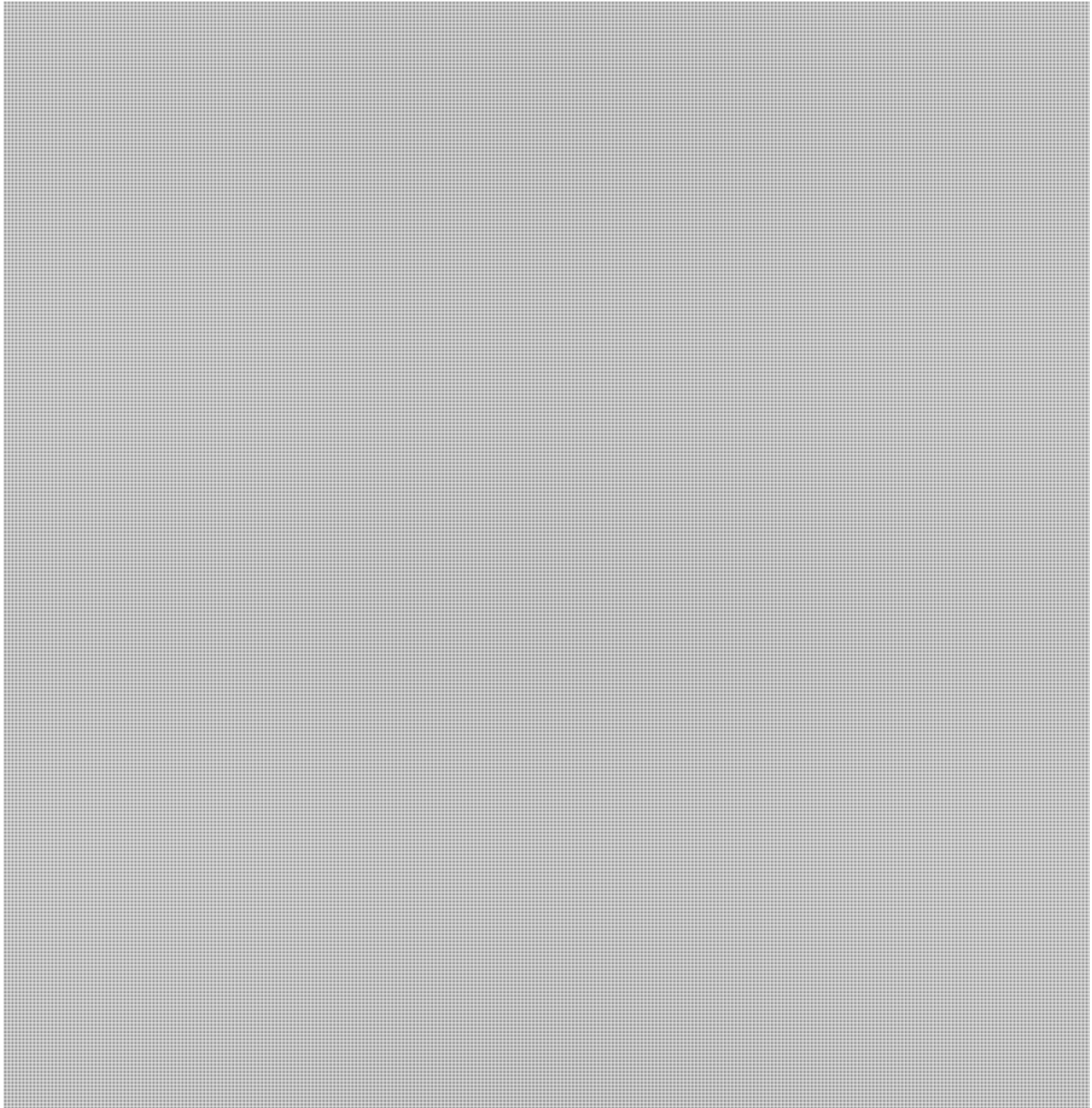
Sent from my BlackBerry 10 smartphone on the Bell network.

From: Crann, Larry <Larry.Crann@dfo-mpo.gc.ca>
Sent: Tuesday, November 27, 2018 12:45

To: Yard, David C
Subject: Mitigation Plan

Hey,

This is the latest from Husky, the only other request by the board was daily aerial
surveillance flights.



Larry Crann
A/Deputy Superintendent | Surintendant Adjoint
Environmental Response | Intervention Environnementale

Canadian Coast Guard | Garde côtière canadienne

P.O. Box 5667 St. John's, NL A1C 5X1 | C.P. 5667 Saint Jean, T-N A1C 5X1

Larry.Crann@dfo-mpo.gc.ca

Telephone | Téléphone 709-772-3280

Facsimile | Télécopieur 709-772-4066

Cell | Cell [REDACTED]

Government of Canada | Gouvernement du Canada

Eatmon, Keegan

From: Groulx, Genevieve (EC) <genevieve.groulx@canada.ca>
Sent: November-28-18 1:07 PM
To: media@tc.gc.ca; Media_Relations / Media_Relations (NRCan/RNCan); NCR Media RCN (DFO/MPO)
Cc: Media (EC)
Subject: FYI - MEDIA CALL - For Action: Follow-up #2: Interview: oil slick from Searose FPSO Vessel ([REDACTED]) | CBC NL

Hello DFO, NRCan and TC colleagues,

FYI, the same ECCC CWS scientists will be interviewed this regarding the Sea Rose / Husky Energy oil slick in Newfoundland for the IPolitics.

Regards,
Geneviève

MEDIA
[REDACTED]CBC [REDACTED]
[REDACTED]**REPORTER'S DEADLINE**

TBD

REQUEST RECEIVED DATE

November 28, 2018 11:16 AM

INTERVIEW REQUESTED

YES

CONTEXT AND QUESTIONS

Reporter would like an interview with an ECCC scientist to speak specifically about the role of Environment and Climate Change Canada's Canadian Wildlife Service experts at the oil spill in Newfoundland waters from the SeaRose platform on Friday, November 16, 2018.

PROPOSED RESPONSE

(to be developed)

Collins, Natasha

From: CNUE / NEEC (EC) <ec.cnue-need.ec@canada.ca>
Sent: November-28-18 3:49 PM
To: Taylor, Mary (EC)
Cc: 'osr@cnlop.nb.ca'; 'pollutionreports@gov.nl.ca'; Corkum, Jeffrey (EC); GLF CSSP Closure / PCCSM fermeture GLF (DFO/MPO); Donaldson, Garry (EC); ec.dalf-atl-wed-atl.ec@canada.ca; EC.F WPM-ATL [Atlantic Region] F.EC; EC.O COMM REGIONS ATL_QC / COMM ATL_QC O.EC; EnforcementDuty (EC); Friesen, York (EC); Gjerdrum, Carina (EC); Gordon, Heather (EC); Mercer, Geoff (EC); Robichaud, Robert (EC); Ronconi, Robert (EC); SQEM Atlantique / MWQM Atlantic (EC); Whittam, Becky (EC); Wilhelm, Sabina (EC); Worthman, Glenn (EC); EC.F MINO ALL F.EC; EC.F NEEC_EC_Partners F.EC; EC.F NEEC_EC_Senior_Mgmt F.EC; EC.F PUE / EEP F.EC; 'CANUTEC (CANUTEC@tc.gc.ca)'; DEOC, COUM (NRCan/RNCan); 'Dominique Blanchard'; GOC / COG (PS/SP); HPOC-COPS, PHAC-ASPC (PHAC/ASPC); 'Janice Pilon'; 'josee.lamoureux@tc.gc.ca'; 'louis.armstrong@tc.gc.ca'; EARMATl / MARTATl (EC); EARMCen / MARTCen (EC); PNSACEN, NASPCEN (Ext.); PNSAPAC, NASPPAC (Ext.); NCC / CCN (DFO/MPO); Gestion des urgences-bureau régional Québec / Emergency Management-Quebec Regional Office (PS/SP); 'Santé Canada - Emergency (cepru@hc-sc.gc.ca)'; 'Transport Canada (sitcen@tc.gc.ca)'; clement.murphy@tc.gc.ca; CRAIG.LUEDEE@forces.gc.ca; EED Duty Atlantic; ERDutyOfficer / AgentsdeserviceaffectésàlIE (DFO/MPO); dfo.fpp.nl / ppp.t-n-e-l.mpo (DFO/MPO); Gagnon2, Della (PS/SP); Haring, Peter (Ext.); Harris, Paul (EC); Kennell, Gary (EC); shelleymoores@gov.nl.ca; tcmsdutyofficer@tc.gc.ca; EC.F EB-WED-ATL F.EC; XNFL-GRP_Environmental Incident Reports; CNUE / NEEC (EC); cepru / upiuc (HC/SC)
Subject: Update 9: Oil slick from Searose Floating Production Storage and Offloading Vessel (FPSO) at White Rose Oil field, NL

PATH SAPH NO: 18-HNFL-00825

Update 9 November 28, 2018

- The C-NLOPB investigation is continuing.
- ECCC- NEEC remains in close daily contact with the C-NLOPB
- Daily ROV inspections continue of the weak link (source of November 16 release)
- Daily monitoring for signs of oil on the surface at the location of the November 16th release continue.
- No new reports of surface oil.
- ECCC-CWS has issued a permit to Newfoundland and Labrador Environmental Association Inc., for their facility in Ship Cove, NL. The facility will be used for longer term care of seabirds following their initial treatment in St. John's, NL. The permit was issued after a site inspection by Tri-State. Two Thick-billed murres (were oiled) and one Great Black-backed Gull (was not oiled only dirty) are being transported to the long term care facility today. This facility will provide care until the birds are determined ready for banding and release at an appropriate location.
- There have been no new observations of oiled seabirds since November 22.

- ECCC-CWS is continuing to compile data from the daily vessel surveys.
- An aerial wildlife survey was conducted on November 26 with ECCC-CWS observers on board.
- ECCC-CWS and ECCC-Wildlife Landscape Science Directorate (ECCC-WLSD) staff are responding to media requests to discuss how we are assessing impacts to seabirds.
- ECCC-NEEC and ECCC-ESTS are continuing discussions with the C-NLOPB and Husky Energy on the company's proposed sampling program.
- Husky Energy has submitted a plan to the C-NLOPB for monitoring and response to any additional product releases as the response to the November 16 incident continues.

Simon Despatie

Agent Principal, Préparation et Intervention – Centre, Prairies et Nord

Centre National des Urgences Environnementales (CNUE)

Environnement et Changement Climatique Canada

105 rue McGill, 4^{ème} étage

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Tél: (514) 283-7309/ Fax: (514) 496-1157

simon.despatie@canada.ca

Urgences 24/7: 1-866-283-2333

Senior Officer, Preparedness and Response – Central, Prairies and North

National Environmental Emergencies Center (NEEC)

Environment and Climate Change Canada

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Canada

H2Y 2E7

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simon.despatie@canada.ca

Emergencies 24/7: 1-866-283-2333

De : CNUE / NEEC (EC)

Envoyé : 25 November 2018 7:36

À : Taylor, Mary (EC)

Cc : 'osr@cnlopb.nl.ca'; 'pollutionreports@gov.nl.ca'; Corkum, Jeffrey (EC); 'CSSPClosure'; Donaldson, Garry (EC); ec.dalf-atl-wed-atl.ec@canada.ca; EC.F WPM-ATL [Atlantic Region] F.EC; EC.O COMM REGIONS ATL_QC / COMM ATL_QC O.EC; EnforcementDuty (EC); Friesen, York (EC); Gjerdrum, Carina (EC); Gordon, Heather (EC); Mercer, Geoff (EC); Robichaud, Robert (EC); Ronconi, Robert (EC); SQEM Atlantique / MWQM Atlantic (EC); Whittam, Becky (EC); Wilhelm, Sabina (EC); Worthman, Glenn (EC); EC.F MINO ALL F.EC; EC.F NEEC_EC_Partners F.EC; EC.F NEEC_EC_Senior_Mgmt F.EC; EC.F PUE / EEP F.EC; 'CANUTEC (CANUTEC@tc.gc.ca)'; DEOC, COUM (NRCan/RNCan); 'Dominique Blanchard'; GOC / COG (PS/SP); HPOC-COPS, PHAC-ASPC (PHAC/ASPC); 'Janice Pillon'; 'josee.lamoureux@tc.gc.ca'; 'louis.armstrong@tc.gc.ca'; EARMAtI / MARTAtI (EC); EARMCen / MARTCen (EC); PNSACEN, NASPCEN (Ext.); PNSAPAC, NASPPAC (Ext.); Ext-PCH, NCC-CCN (Ext.); Gestion des urgences-bureau régional Québec / Emergency Management-Quebec Regional Office (PS/SP); 'Santé Canada - Emergency (cepru@hc-sc.gc.ca)'; 'Transport Canada (sitcen@tc.gc.ca)'; clement.murphy@tc.gc.ca; CRAIG.LUEDEE@forces.gc.ca; EED Duty Atlantic; 'ERDUTYOfficer@dfo-mpo.gc.ca'; FPP.XNFL@dfo-mpo.gc.ca; Gagnon2, Della (PS/SP); Haring, Peter (Ext.); Harris, Paul (EC); Kennell, Gary (EC); shelleymoores@gov.nl.ca; tcmsdutyofficer@tc.gc.ca; EC.F EB-WED-ATL F.EC; XNFLEnvironmentalIncidentReports@dfo-mpo.gc.ca

Objet : Update 8: Oil slick from Searose Floating Production Storage and Offloading Vessel (FPSO) at White Rose Oil field, NL

Update 8 : November 25, 2018

- The C-NLOPB investigation is continuing.
- ECCC- NEEC remains in close daily contact with the C-NLOPB
- Daily ROV inspections continue of the weak link (source of November 16 release)
- Daily monitoring for signs of oil on the surface at the location of the November 16th release continue.
- No new reports of surface oil.
- No new observations of oiled wildlife
- A second Single Vessel Side Sweep (SVSS) containment and recovery system has been deployed offshore as plans are under development for the recovery of the weak link from the sea bed.
- Husky Energy is in the process of installing Oil Spill Detection Radar on all vessels monitoring this incident, to increase their detection capacity.
- ECCC-Emergencies Science and Technology Section has completed a review of the proposed Husky Energy water sampling program. Comments have been supplied to the C-NLOPB.

Graham Thomas

Senior Officer, Preparedness and Response – Atlantic
National Environmental Emergencies Centre (NEEC) - Mount Pearl Office
Environmental Protection Operations Directorate
Environment and Climate Change Canada / Government of Canada
graham.thomas@canada.ca / Tel: 709-772-4285 / Cell : [REDACTED] / Emergencies 24/7 : 1-866-283-2333

Agent principal, Préparation et intervention – Atlantique
Centre national des urgences environnementales (CNUE) - Bureau de Mount Pearl
Direction des activités de protection de l'environnement
Environnement et Changement climatique Canada / Gouvernement du Canada
graham.thomas@canada.ca / Tél. : 709-772-4285 / Cell : [REDACTED] / Urgences 24/7 : 1-866-283-2333

From: CNUE / NEEC (EC)

Sent: November 24, 2018 6:13 PM

To: Taylor, Mary (EC)

Cc: 'osr@cnlopb.nl.ca'; 'pollutionreports@gov.nl.ca'; Corkum, Jeffrey (EC); 'CSSPClosure'; Donaldson, Garry (EC); ec.dalf-atl-wed-atl.ec@canada.ca; EC.F WPM-ATL [Atlantic Region] F.EC; EC.O COMM REGIONS ATL_QC / COMM ATL_QC O.EC; EnforcementDuty (EC); Friesen, York (EC); Gjerdrum, Carina (EC); Gordon, Heather (EC); Mercer, Geoff (EC); Robichaud, Robert (EC); Ronconi, Robert (EC); SQEM Atlantique / MWQM Atlantic (EC); Whittam, Becky (EC); Wilhelm, Sabina (EC); Worthman, Glenn (EC); EC.F MINO ALL F.EC; EC.F NEEC_EC_Partners F.EC; EC.F NEEC_EC_Senior_Mgmt F.EC; EC.F PUE / EEP F.EC; 'CANUTEC (CANUTEC@tc.gc.ca)'; DEOC, COUM (NRCan/RNCan); 'Dominique Blanchard'; GOC / COG (PS/SP);

HPOC-COPS, PHAC-ASPC (PHAC/ASPC); 'Janice Pillon'; 'josee.lamoureux@tc.gc.ca'; 'louis.armstrong@tc.gc.ca'; EARMAtI / MARTAtI (EC); EARMCen / MARTCen (EC); PNSACEN, NASPCEN (Ext.); PNSAPAC, NASPPAC (Ext.); Ext-PCH, NCC-CCN (Ext.); Gestion des urgences-bureau régional Québec / Emergency Management-Quebec Regional Office (PS/SP); 'Santé Canada - Emergency (cepru@hc-sc.gc.ca)'; 'Transport Canada (sitcen@tc.gc.ca)'; clement.murphy@tc.gc.ca; CRAIG.LUEDEE@forces.gc.ca; EED Duty Atlantic; 'ERDUTYOfficer@dfo-mpo.gc.ca'; FPP.XNFL@dfo-mpo.gc.ca; Gagnon2, Della (PS/SP); Haring, Peter (Ext.); Harris, Paul (EC); Kennell, Gary (EC); shelleymoores@gov.nl.ca; tcmsdutyofficer@tc.gc.ca; EC.F EB-WED-ATL F.EC; XNFLEnvironmentalIncidentReports@dfo-mpo.gc.ca

Subject: Correction Update 7: Oil slick from Searose Floating Production Storage and Offloading Vessel (FPSO) at White Rose Oil field, NL

Correction: To date 5 live birds have been taken to the rehabilitation center in St. John's, NL. 2 birds have been washed (one was oiled, one was only dirty); 1 oiled bird had to be euthanized; 1 oiled bird died during treatment and 1 bird which is not oiled is still at the facility undergoing assessment.

Graham Thomas

Senior Officer, Preparedness and Response – Atlantic
National Environmental Emergencies Centre (NEEC) - Mount Pearl Office
Environmental Protection Operations Directorate
Environment and Climate Change Canada / Government of Canada
graham.thomas@canada.ca / Tel: 709-772-4285 / Cell : [REDACTED] / **Emergencies 24/7 : 1-866-283-2333**

Agent principal, Préparation et intervention – Atlantique
Centre national des urgences environnementales (CNUE) - Bureau de Mount Pearl
Direction des activités de protection de l'environnement
Environnement et Changement climatique Canada / Gouvernement du Canada
graham.thomas@canada.ca / Tél. : 709-772-4285 / Cell : [REDACTED] / **Urgences 24/7 : 1-866-283-2333**

From: CNUE / NEEC (EC)

Sent: November 24, 2018 4:51 PM

To: Taylor, Mary (EC)

Cc: 'osr@cnlopb.nl.ca'; 'pollutionreports@gov.nl.ca'; Corkum, Jeffrey (EC); 'CSSPClosure'; Donaldson, Garry (EC); ec.dalf-atl-wed-atl.ec@canada.ca; EC.F WPM-ATL [Atlantic Region] F.EC; EC.O COMM REGIONS ATL_QC / COMM ATL_QC O.EC; EnforcementDuty (EC); Friesen, York (EC); Gjerdrum, Carina (EC); Gordon, Heather (EC); Mercer, Geoff (EC); Robichaud, Robert (EC); Ronconi, Robert (EC); SQEM Atlantique / MWQM Atlantic (EC); Whittam, Becky (EC); Wilhelm, Sabina (EC); Worthman, Glenn (EC); EC.F MINO ALL F.EC; EC.F NEEC_EC_Partners F.EC; EC.F NEEC_EC_Senior_Mgmt F.EC; EC.F PUE / EEP F.EC; 'CANUTEC (CANUTEC@tc.gc.ca)'; DEOC, COUM (NRCan/RNCan); 'Dominique Blanchard'; GOC / COG (PS/SP); HPOC-COPS, PHAC-ASPC (PHAC/ASPC); 'Janice Pillon'; 'josee.lamoureux@tc.gc.ca'; 'louis.armstrong@tc.gc.ca'; EARMAtI / MARTAtI (EC); EARMCen / MARTCen (EC); PNSACEN, NASPCEN (Ext.); PNSAPAC, NASPPAC (Ext.); Ext-PCH, NCC-CCN (Ext.); Gestion des urgences-bureau régional Québec / Emergency Management-Quebec Regional Office (PS/SP); 'Santé Canada - Emergency (cepru@hc-sc.gc.ca)'; 'Transport Canada (sitcen@tc.gc.ca)'; clement.murphy@tc.gc.ca; CRAIG.LUEDEE@forces.gc.ca; EED Duty Atlantic; 'ERDUTYOfficer@dfo-mpo.gc.ca'; FPP.XNFL@dfo-mpo.gc.ca; Gagnon2, Della (PS/SP); Haring, Peter (Ext.); Harris, Paul (EC); Kennell, Gary (EC); shelleymoores@gov.nl.ca; tcmsdutyofficer@tc.gc.ca; EC.F EB-WED-ATL F.EC; XNFLEnvironmentalIncidentReports@dfo-mpo.gc.ca

Subject: Update 7: Oil slick from Searose Floating Production Storage and Offloading Vessel (FPSO) at White Rose Oil field, NL

Update 7

- The C-NLOPB investigation is continuing.
- ECCC- NEEC remains in close daily contact with the C-NLOPB
- ECCC-CWS and ECCC Science and Technology Branch continue to receive daily wildlife survey data from Husky. Surveys covering the affected area will be completed by Sunday, after which ECCC will evaluate the data to assess whether further surveys are required.
- Of the 4 originally reported live oiled birds brought to St. John's NL for rehabilitation; 1 was euthanized after being deemed unsuitable for treatment. This bird will be turned over to ECCC-Wildlife Enforcement Directorate. 1 bird was found not to be oiled but needed to be cleaned because it was dirty, it remains at the rehabilitation center with 2 live oiled birds which have been cleaned for a total of three live birds at the facility.
- ECCC-CWS issued a public notice for citizens to report any oiled birds observed to the NEEC emergencies line.
- Husky Energy is expected to submit a draft plan for dealing with possible pollution incidents related to repairs of the pipeline system on Monday, November 26th for review by the C-NLOPB and other stakeholders.

Graham Thomas

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From: CNUE / NEEC (EC)

Sent: November 23, 2018 4:38 PM

To: Taylor, Mary (EC)

Cc: 'osr@cnlopb.nl.ca'; 'pollutionreports@gov.nl.ca'; Corkum, Jeffrey (EC); 'CSSPClosure'; Donaldson, Garry (EC); ec.dalf-atl-wed-atl.ec@canada.ca; EC.F WPM-ATL [Atlantic Region] F.EC; EC.O COMM REGIONS ATL_QC / COMM ATL_QC O.EC; EnforcementDuty (EC); Friesen, York (EC); Gjerdrum, Carina (EC); Gordon, Heather (EC); Mercer, Geoff (EC); Robichaud, Robert (EC); Ronconi, Robert (EC); SQEM Atlantique / MWQM Atlantic (EC); Whittam, Becky (EC); Wilhelm, Sabina (EC); Worthman, Glenn (EC); EC.F MINO ALL F.EC; EC.F NEEC_EC_Partners F.EC; EC.F NEEC_EC_Senior_Mgmt F.EC; EC.F PUE / EEP F.EC; 'CANUTEC (CANUTEC@tc.gc.ca)'; DEOC, COUM (NRCAN/RNCAN); 'Dominique Blanchard'; GOC / COG (PS/SP); HPOC-COPS, PHAC-ASPC (PHAC/ASPC); 'Janice Pilon'; 'josee.lamoureux@tc.gc.ca'; 'louis.armstrong@tc.gc.ca'; EARMATl / MARTATl (EC); EARMCen / MARTCen (EC); PNSACEN, NASPCEN (Ext.); PNSAPAC, NASPPAC (Ext.); Ext-PCH, NCC-CCN (Ext.); Gestion des urgences-bureau régional Québec / Emergency Management-Quebec Regional Office (PS/SP); 'Santé Canada - Emergency (cepru@hc-sc.gc.ca)'; 'Transport Canada (sitcen@tc.gc.ca)'; clement.murphy@tc.gc.ca;

CRAIG.LUEDEE@forces.gc.ca; EED Duty Atlantic; 'ERDUTYOfficer@dfo-mpo.gc.ca'; FPP.XNFL@dfo-mpo.gc.ca; Gagnon2,
Della (PS/SP); Haring, Peter (Ext.); Harris, Paul (EC); Kennell, Gary (EC); shelleymoores@gov.nl.ca;
tcmsdutyofficer@tc.gc.ca; EC.F EB-WED-ATL F.EC; XNFLEnvironmentalIncidentReports@dfo-mpo.gc.ca

Subject: Update 6: Oil slick from Searose Floating Production Storage and Offloading Vessel (FPSO) at White Rose Oil
field, NL

Update 6

- The C-NLOPB investigation is continuing.
- ECCC- NEEC remains in close daily contact with the C-NLOPB
- ECCC-CWS remain fully engaged with Husky Energy and the C-NLOPB regarding survey design and execution for wildlife impacts.
- Husky Energy has hired Tri-State Bird Rescue & Research Inc to assist with wildlife rehabilitation efforts in St. John's , NL. Staff from Tri-State Bird Rescue have been integrated into the rehabilitation facility and their operations to supplement local capacity.
- Husky Energy has submitted a draft water sampling plan to the C-NLOPB . NEEC is coordinating the circulation of the plan to various agencies for review and comment.

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graham.thomas@canada.ca / Tél. : 709-772-4285 / Cell : [REDACTED] / **Urgences 24/7 : 1-866-283-2333**

From: CNUE / NEEC (EC)

Sent: November 22, 2018 4:40 PM

To: Taylor, Mary (EC)

Cc: 'osr@cnlopb.nl.ca'; 'pollutionreports@gov.nl.ca'; Corkum, Jeffrey (EC); 'CSSPClosure'; Donaldson, Garry (EC); ec.dalf-atl-wed-atl.ec@canada.ca; EC.F WPM-ATL [Atlantic Region] F.EC; EC.O COMM REGIONS ATL_QC / COMM ATL_QC O.EC; EnforcementDuty (EC); Friesen, York (EC); Gjerdrum, Carina (EC); Gordon, Heather (EC); Mercer, Geoff (EC); Robichaud, Robert (EC); Ronconi, Robert (EC); SQEM Atlantique / MWQM Atlantic (EC); Whittam, Becky (EC); Wilhelm, Sabina (EC); Worthman, Glenn (EC); EC.F MINO ALL F.EC; EC.F NEEC_EC_Partners F.EC; EC.F NEEC_EC_Senior_Mgmt F.EC; EC.F PUE / EEP F.EC; 'CANUTEC (CANUTEC@tc.gc.ca)'; DEOC, COUM (NRCan/RNCan); 'Dominique Blanchard'; GOC / COG (PS/SP); HPOC-COPS, PHAC-ASPC (PHAC/ASPC); 'Janice Pillon'; 'josee.lamoureux@tc.gc.ca'; 'louis.armstrong@tc.gc.ca'; EARMATl / MARTATl (EC); EARMCen / MARTCen (EC); PNSACEN, NASPCEN (Ext.); PNSAPAC, NASPPAC (Ext.); Ext-PCH, NCC-CCN (Ext.); Gestion des urgences-bureau régional Québec / Emergency Management-Quebec Regional Office (PS/SP); 'Santé

Canada - Emergency (cepru@hc-sc.gc.ca); 'Transport Canada (sitcen@tc.gc.ca); clement.murphy@tc.gc.ca;
CRAIG.LUEDEE@forces.gc.ca; EED Duty Atlantic; 'ERDUTYOfficer@dfo-mpo.gc.ca'; FPP.XNFL@dfo-mpo.gc.ca; Gagnon2,
Della (PS/SP); Haring, Peter (Ext.); Harris, Paul (EC); Kennell, Gary (EC); shelleymoores@gov.nl.ca;
tcmsdutyofficer@tc.gc.ca; EC.F EB-WED-ATL F.EC; XNFLEnvironmentalIncidentReports@dfo-mpo.gc.ca

Subject: Update 5: Oil slick from Searose Floating Production Storage and Offloading Vessel (FPSO) at White Rose Oil field, NL

NEEC Update 5: November 22, 2018

- No oil observed again today during this morning's overflight.
- ROV surveys to inspect subsea assets, which Husky commenced on November 19, are continuing.
- Wildlife surveys continue to gather data on possible impacts using six vessels.
- The C-NLOPB investigation is continuing.
- An Environmental Emergencies Science Table was chaired today by NEEC. The C-NLOPB provided an overview of the incident details and the response operations. Representatives from various federal and provincial departments were able to highlight outstanding concerns or questions they had. Issues were identified for future resolution and a process to address them.
- To date 18 oiled marine birds have been identified, 10 have not been captured, 4 live oiled birds have been brought to St. John's, NL for rehabilitation. 4 dead oiled birds have also been transported to St. John's, NL to be turned over to ECCC-Wildlife Enforcement Directorate.
- As a precautionary approach, ECCC-CWS will initiate beached bird surveys to detect and monitor for potential oiled birds deposited on shoreline areas.
- ECCC CWS has been working with the Wildlife and Landscape Science Directorate of ECCC Science and Technology Branch to assess and process incoming wildlife observation data for use as part of impact assessment on marine birds.

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From: CNUE / NEEC (EC)

Sent: November 21, 2018 6:21 PM

To: Taylor, Mary (EC)

Cc: 'osr@cnlopb.nl.ca'; 'pollutionreports@gov.nl.ca'; Corkum, Jeffrey (EC); 'CSSPClosure'; Donaldson, Garry (EC); ec.dalf-atl-wed-atl.ec@canada.ca; EC.F WPM-ATL [Atlantic Region] F.EC; EC.O COMM REGIONS ATL_QC / COMM ATL_QC O.EC; EnforcementDuty (EC); Friesen, York (EC); Gjerdrum, Carina (EC); Gordon, Heather (EC); Mercer, Geoff (EC); Robichaud, Robert (EC); Ronconi, Robert (EC); SQEM Atlantique / MWQM Atlantic (EC); Whittam, Becky (EC); Wilhelm, Sabina (EC); Worthman, Glenn (EC); EC.F MINO ALL F.EC; EC.F NEEC_EC_Partners F.EC; EC.F NEEC_EC_Senior_Mgmt F.EC; EC.F PUE / EEP F.EC; 'CANUTEC (CANUTEC@tc.gc.ca)'; DEOC, COUM (NRCan/RNCan); 'Dominique Blanchard'; GOC / COG (PS/SP); HPOC-COPS, PHAC-ASPC (PHAC/ASPC); 'Janice Pillon'; 'josee.lamoureux@tc.gc.ca'; 'louis.armstrong@tc.gc.ca'; EARMAtI / MARTAtI (EC); EARMCen / MARTCen (EC); PNSACEN, NASPCEN (Ext.); PNSAPAC, NASPPAC (Ext.); Ext-PCH, NCC-CCN (Ext.); Gestion des urgences-bureau régional Québec / Emergency Management-Quebec Regional Office (PS/SP); 'Santé Canada - Emergency (cepru@hc-sc.gc.ca)'; 'Transport Canada (sitcen@tc.gc.ca)'; clement.murphy@tc.gc.ca; CRAIG.LUEDEE@forces.gc.ca; EED Duty Atlantic; 'ERDUTYOfficer@dfo-mpo.gc.ca'; FPP.XNFL@dfo-mpo.gc.ca; Gagnon2, Della (PS/SP); Haring, Peter (Ext.); Harris, Paul (EC); Kennell, Gary (EC); shelleymoores@gov.nl.ca; tcmsdutyofficer@tc.gc.ca; EC.F EB-WED-ATL F.EC; XNFLEnvironmentalIncidentReports@dfo-mpo.gc.ca

Subject: Update 4: Oil slick from Searose Floating Production Storage and Offloading Vessel (FPSO) at White Rose Oil field, NL

NEEC Update 4: November 21, 2018

- C-NLOPB has launched their investigation into the root cause of this incident.
- The ROV survey on Monday November 19, 2018 identified the source of the release as a disconnected weak link. Plans are being developed to recover the connection for further investigation, and to respond to any residual product which may remain in the pipe if it were to be released.
- There was one overflight this afternoon but the visibility was not sufficient to make observations. This was the ninth flight since November 16th. The previous four flights in recent days did not observed any oil.
- Four vessels continue to be in the field with trained wildlife observers on board conducting wildlife observations. ECCC-CWS is working with Husky Energy in the design and execution of these surveys to record bird density in and around the affected areas. Birds identified thus far in the area include Dovekie, Common Murre, Thick-billed Murre, Northern Fulmar, Black-legged Kittiwake, Glaucous Gull, Great Black-backed Gull, Storm Petrel, Herring Gull, Sooty Shearwater and Atlantic Puffin
- Data from all surveys are made available to subject matter experts from ECCC-CWS, Department of Fisheries and Oceans and the Newfoundland and Labrador Department of Fisheries and Land Resources.
- Two captured oiled marine birds (Thick-billed Murres) arrived at the rehabilitation center in St. John's NL. This morning two ECCC-CWS staff and two ECCC-WED Wildlife Enforcement Officers visited the rehabilitation center to view the birds and obtain feather samples for oil analysis.
- Three more oiled birds are enroute to the rehabilitation centre, two are alive and one is dead. The dead bird will be handed over to ECCC-WED.
- NEEC remains in daily contact with the C-NLOPB providing advice and technical support as needed.

- MSC- Canadian Ice Service has analyzed a total of 9 different satellite images from 3 different sources to provide coverage of the affected area. No images have found any oil anomalies. Six of those images were collected today and yesterday.
- NEEC will chair an Environmental Emergencies Science Table tomorrow including many federal and provincial authorities to have high level discussions of any issues and concerns going forward regarding monitoring of impacts this incident may have had on the environment.

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From: CNUE / NEEC (EC)

Sent: November 20, 2018 5:06 PM

To: Taylor, Mary (EC)

Cc: 'osr@cnlopb.nl.ca'; 'pollutionreports@gov.nl.ca'; Corkum, Jeffrey (EC); 'CSSPClosure'; Donaldson, Garry (EC); ec.dalf-atl-wed-atl.ec@canada.ca; EC.F WPM-ATL [Atlantic Region] F.EC; EC.O COMM REGIONS ATL_QC / COMM ATL_QC O.EC; EnforcementDuty (EC); Friesen, York (EC); Gjerdrum, Carina (EC); Gordon, Heather (EC); Mercer, Geoff (EC); Robichaud, Robert (EC); Ronconi, Robert (EC); SQEM Atlantique / MWQM Atlantic (EC); Whittam, Becky (EC); Wilhelm, Sabina (EC); Worthman, Glenn (EC); EC.F MINO ALL F.EC; EC.F NEEC_EC_Partners F.EC; EC.F NEEC_EC_Senior_Mgmt F.EC; EC.F PUE / EEP F.EC; 'CANUTEC (CANUTEC@tc.gc.ca)'; DEOC, COUM (NRCAN/RNCAN); 'Dominique Blanchard'; GOC / COG (PS/SP); HPOC-COPS, PHAC-ASPC (PHAC/ASPC); 'Janice Pillon'; 'josee.lamoureux@tc.gc.ca'; 'louis.armstrong@tc.gc.ca'; EARMATl / MARTATl (EC); EARMCen / MARTCen (EC); PNSACEN, NASPCEN (Ext.); PNSAPAC, NASPPAC (Ext.); Ext-PCH, NCC-CCN (Ext.); Gestion des urgences-bureau régional Québec / Emergency Management-Quebec Regional Office (PS/SP); 'Santé Canada - Emergency (cepru@hc-sc.gc.ca)'; 'Transport Canada (sitcen@tc.gc.ca)'

Subject: RE: Update 3: Oil slick from Searose Floating Production Storage and Offloading Vessel (FPSO) at White Rose Oil field, NL

NEEC Update 3: November 20, 2018

- Canada – Newfoundland and Labrador Offshore Petroleum Board (C-NLOPB) on November 18, 2018 announced they are beginning a formal investigation into the root cause of incident.

- Husky Energy has reported in their media releases the volume of the incident was estimated to be 250 cubic metres of White Rose crude. This is only an estimate, the exact volume will be determined through the incident investigation.
- Aerial surveys today with trained federal government staff on board did not observe any oil on the surface, this is the second day in a row without any surface oil being seen.
- Three captured oiled marine birds are being transferred to a rehabilitation center in St. John's, NL today for assessment by trained professionals.
- ECCC-CWS staff are working with Husky Energy and the C-NLOPB to monitor all reports of oiled marine birds to try and ensure observations are accurately reported to government and the public.
- ECCC-CWS took part in an aerial surveys for wildlife impacted or at risk in the general area of the incident.
- ECCC-CWS staff will be deployed to work with Husky Energy staff to further design and plan surveys to ensure accurate data is collected.
- Husky Energy conducted a survey yesterday November 19, 2018 using a remotely operated vehicle of the suspected source, data from that survey is being reviewed by the C-NLOPB.
- Media attention remains high.

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From: CNUE / NEEC (EC)

Sent: November 19, 2018 3:05 PM

To: Taylor, Mary (EC)

Cc: 'osr@cnlopb.nl.ca'; pollutionreports@gov.nl.ca; Corkum, Jeffrey (EC); CSSPClosure; Donaldson, Garry (EC); ec.dalf-atl-wed-atl.ec; EC.F WPM-ATL [Atlantic Region] F.EC; EC.O COMM REGIONS ATL_QC / COMM ATL_QC O.EC; EnforcementDuty (EC); Friesen, York (EC); Gjerdrum, Carina (EC); Gordon, Heather (EC); Mercer, Geoff (EC); Robichaud, Robert (EC); Ronconi, Robert (EC); SQEM Atlantique / MWQM Atlantic (EC); Whittam, Becky (EC); Wilhelm, Sabina (EC); Worthman, Glenn (EC); EC.F MINO ALL F.EC; EC.F NEEC_EC_Partners F.EC; EC.F NEEC_EC_Senior_Mgmt F.EC; EC.F PUE / EEP F.EC; CANUTEC (CANUTEC@tc.gc.ca); DEOC, COUM (NRCan/RNCan); Dominique Blanchard; GOC / COG (PS/SP); HPOC-COPS, PHAC-ASPC (PHAC/ASPC); Janice Pillon; josee.lamoureux@tc.gc.ca; louis.armstrong@tc.gc.ca; EARMATl / MARTATl (EC); EARMCen / MARTCen (EC); PNSACEN, NASPCEN (Ext.); PNSAPAC, NASPPAC (Ext.); Ext-PCH, NCC-CCN

(Ext.); Gestion des urgences-bureau régional Québec / Emergency Management-Quebec Regional Office (PS/SP); Santé Canada - Emergency (cepru@hc-sc.gc.ca); Transport Canada (sitcen@tc.gc.ca)

Subject: RE: Update 1: Oil slick from Searose Floating Production Storage and Offloading Vessel (FPSO) at White Rose Oil field, NL

NEEC Update 2: November 19, 2018

- Overflight this morning observed no oil on the surface. Another overflight focused on wildlife observations is planned for this afternoon;
- A Remotely Operated Vehicle (ROV) survey of the South White Rose extension underwater installations is planned for today to determine source;
- Surveys for impacts to marine birds and mammals are ongoing – there are reports of impacted marine birds being observed;
- ECCC's Canadian Wildlife Service (CWS) as well as Fisheries and Oceans Canada staff are providing scientific support through the National Environmental Emergencies Centre (NEEC);
- ECCC's CWS will participate in a planned overflight tomorrow.
- The NEEC is in close communication with the Lead Agency, the Canada-Newfoundland and Labrador Offshore Petroleum Board (C-NLOPB);
- Media interest remains high

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From: CNUE / NEEC (EC)

Sent: November 17, 2018 6:41 PM

To: Taylor, Mary (EC)

Cc: 'osr@cnlopb.nl.ca'; pollutionreports@gov.nl.ca; Corkum, Jeffrey (EC); CSSPClosure; Donaldson, Garry (EC); ec.dalf-atl-wed-atl.ec@canada.ca; EC.F WPM-ATL [Atlantic Region] F.EC; EC.O COMM REGIONS ATL_QC / COMM ATL_QC O.EC; EnforcementDuty (EC); Friesen, York (EC); Gjerdrum, Carina (EC); Gordon, Heather (EC); Mercer, Geoff (EC); Robichaud, Robert (EC); Ronconi, Robert (EC); SQEM Atlantique / MWQM Atlantic (EC); Whittam, Becky (EC); Wilhelm, Sabina (EC);

Worthman, Glenn (EC); EC.F MINO ALL F.EC; EC.F NEEC_EC_Partners F.EC; EC.F NEEC_EC_Senior_Mgmt F.EC; EC.F PUE / EEP F.EC; CANUTEC (CANUTEC@tc.gc.ca); DEOC, COUM (NRCan/RNCan); Dominique Blanchard; GOC / COG (PS/SP); HPOC-COPS, PHAC-ASPC (PHAC/ASPC); Janice Pillon; josee.lamoureux@tc.gc.ca; Leger, Serge (EC); louis.armstrong@tc.gc.ca; EARMAtI / MARTAtI (EC); EARMCEn / MARTCEn (EC); PNSACEN, NASPCEN (Ext.); PNSAPAC, NASPPAC (Ext.); Ext-PCH, NCC-CCN (Ext.); Gestion des urgences-bureau régional Québec / Emergency Management-Quebec Regional Office (PS/SP); Santé Canada - Emergency (cepru@hc-sc.gc.ca); Transport Canada (sitcen@tc.gc.ca)
Subject: Update 1: Oil slick from Searose Floating Production Storage and Offloading Vessel (FPSO) at White Rose Oil field, NL

NEEC Update 1: November 17, 2018

- Overflights did not observe any new oil at drill location or around the SeaRose Floation, Production Storage and Offloading vessel. Production is currently shut down.
- The slick was located a few kilometres south of the tracker buoy. The slick was visible as long wind rows and spread out over 21 km by 8 km (168 km²) with 35% coverage (95 % Tar code A and 5% Tar Code B). No fresh oil was observed.
- The total volume is now estimated at 2,445 litres.
- The sea state of 5-8 metres with winds of 40-50 knots, continues to hamper any efforts for containment and recovery of the spill.
- A remotely operated underwater vehicle or ROV will be deployed to determine location of the leak once weather conditions improve. The support vessel (Skandi Vinland) has deployed on site to complete the survey.
- The responsible party, Husky Energy, has activated onshore staff and contractors. They will be using a Single Vessel Side Sweep booming system to contain the spill once the weather permits.
- The resolution on the ISTOP image was not adequate to observe the slick
- Some gulls have been reported in the area but not in large numbers, likely due to the weather conditions.
- ECCC has provided scientific advice and an assessment of birds in the area. ECCC will continue to provide trajectory models twice daily to follow the location of slick.
- Another overflight is scheduled for tomorrow

From: CNUE / NEEC (EC)

Sent: November 16, 2018 6:06 PM

To: Taylor, Mary (EC); Corkum, Jeffrey (EC); CSSPClosure; Donaldson, Garry (EC); ec.dalf-atl-wed-atl.ec@canada.ca; EC.F WPM-ATL [Atlantic Region] F.EC; EC.O COMM REGIONS ATL_QC / COMM ATL_QC O.EC; EnforcementDuty (EC); Friesen, York (EC); Gjerdrum, Carina (EC); Gordon, Heather (EC); Mercer, Geoff (EC); Robichaud, Robert (EC); Ronconi, Robert (EC); SQEM Atlantique / MWQM Atlantic (EC); Whittam, Becky (EC); Wilhelm, Sabina (EC); Worthman, Glenn (EC)
Cc: EC.F MINO ALL F.EC; EC.F NEEC_EC_Partners F.EC; EC.F NEEC_EC_Senior_Mgmt F.EC; EC.F PUE / EEP F.EC
Subject: NEEC Advisory: Oil slick from Searose Floating Production Storage and Offloading Vessel (FPSO) at White Rose Oil field, NL

This is to inform you that the National Environmental Emergencies Centre (NEEC) has been notified today November 16, of an oil slick coming from a pressurized flow line. An overflight reported a slick of approximately 1 mile at around 19:50 UTC. The volume of the release is being assessed. Given unfavourable weather conditions, containment and cleanup is not possible at this time. Tracking and monitoring of the slick is being conducted using tracker buoys as well as trajectory modelling.

Husky Energy has been identified as the Responsible Party.

Canada-Newfoundland Offshore Petroleum Board has been identified as the Lead Agency.

NEEC has received a request for

- Spill trajectory modelling
- Advice on migratory birds

Steps Taken by NEEC:

- NEEC has assessed the situation
- NEEC has informed the following ECCC divisions: Marine Water Quality Monitoring Program and Canadian Wildlife Service
- Regional Environmental and Wildlife Enforcement Directorates have been advised
- NEEC has informed the following Federal partner: Fisheries and Oceans Canada
- NEEC has informed Service Newfoundland

Moving Forward:

- NEEC will continue to monitor the situation
- Regional Environmental Enforcement Directorate and Wildlife Enforcement Directorate will be advised
- NEEC has made a request for RADARSAT imagery

This advisory is based on preliminary information.

** Please do not reply to this message. If you need to contact NEEC for urgent operational matters concerning this incident, please do so using the Emergencies Line at 1-866-283-2333.**

Lisa Tulen, M.Sc.

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Grant, Robert

From: Crann, Larry
Sent: November-28-18 6:04 PM
To: Yard, David C
Cc: Grant, Robert; George, Terri Lynn; English, Ambrose C
Subject: Fw: SWRX Mitigation Plan

Fyi

Sent from my BlackBerry 10 smartphone on the Bell network.

**Pages 1298 to / à 1299
are withheld pursuant to sections
sont retenues en vertu des articles**

19(1), 24(1)

**of the Access to Information Act
de la Loi sur l'accès à l'information**

Page 1300

**is withheld pursuant to section
est retenue en vertu de l'article**

24(1)

**of the Access to Information Act
de la Loi sur l'accès à l'information**

Page 1301

**is withheld pursuant to sections
est retenue en vertu des articles**

19(1), 24(1)

**of the Access to Information Act
de la Loi sur l'accès à l'information**

**Pages 1302 to / à 1303
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24(1)

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20(1)(b), 24(1)

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24(1)

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20(1)(b), 24(1), 19(1)

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24(1)

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20(1)(b), 19(1), 24(1)

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20(1)(b), 24(1)

**of the Access to Information Act
de la Loi sur l'accès à l'information**

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24(1)

**of the Access to Information Act
de la Loi sur l'accès à l'information**

Page 1330

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20(1)(b), 19(1), 24(1)

**of the Access to Information Act
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24(1)

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20(1)(b), 19(1), 24(1)

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19(1), 24(1)

**of the Access to Information Act
de la Loi sur l'accès à l'information**

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24(1)

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19(1), 24(1)

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24(1)

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Smith, Lisa

From: Guinchard, David W
Sent: November-28-18 7:03 AM
To: Yard, David C; Crann, Larry; Laidlaw, Keith
Cc: English, Ambrose C; Parnham, Jonathan
Subject: Morning Briefing

Good day,

- 1) Sea Rose FPSO – ER continuing to monitor and work with board. Husky has submitted response plan. Daily ROV ops continue on weak link and subsea connection. No new reports of surface oil or oiled birds.
- 2) P/C Beverly Gaie – 2 ER personnel on site, continuing to conduct dewatering ops as required. Tug vessel, RJ Ballott proceeding in Bay of Islands, ETA 0930-1000 this morning. Weather forecast has strong winds for the next couple of days, not calming down until Saturday, which could delay tug operations.
- 3) P/C Arch's Pride – 3 ER personnel getting underway from St. John's heading to Bonavista. [REDACTED]
[REDACTED] Local contractor working to develop salvage plan, urgent contract requirements being addressed.

Regards,
David Guinchard

Annibalini, Sara

From: NCC / CCN (DFO/MPO)
Sent: Wednesday, November 28, 2018 6:17 PM
To: Amelin, Vasili; Atchison, Chris; Bisaillon, Annie; Brooks, Robert; Dugal, Jean-Luc; Dussault, Sheyla; Gascon, Julie; Harvey, Clifford; Haubert, Marie-Christine; Hill, Johanna; Hutchinson, Jeffery; Ivany, Gary; Lapointe, Marie-Andrée; Lebel, Mathieu; Lipohar, Peter; Lockhart, Tara; Mackenzie, Joey; Main Ops Officer / Agent principal des Ops (DFO/MPO); Montreal Ops / Ops Montréal (DFO/MPO); Morelli, Carolyn; Morphet, Jason (NCR); Moss, Derek; NCC / CCN (DFO/MPO); Olson, Kathleen; Pelchat, Isabelle; Pelletier, Mario; Perry, Nigel; peter.lipohar@forces.gc.ca; Richardson, John; CCG ATL ROC / COR ATL GCC (DFO/MPO); ROC1 / COR1 (DFO/MPO); Ryan, Sam; Sanderson, Marc; Smith, Fiona; St-Onge, Emilie; Tettamanti, Ryan; Trudeau, Miriam; Western ROC Superintendent \ Surintendant ROC Ouest (DFO/MPO); Wight, Robert; Wyse, David E
Subject: NCC Evening Operations Update November 28

Good evening,

Please find below an update following this morning's OPS brief. Information is valid as of 18:15 EST. The complete NCC OPS Written Brief for November 29 will be sent out tomorrow morning.

ONGOING – 4**ER – CCGS CORPORAL MCLAREN PARTIALLY SUBMERGED – SAMBRO, NS**

Recap: November 17, the CCGS Corporal McLaren was reported partially submerged in the water after slipping off the cradle during refit in Sambro, NS. Halifax Regional Police and RCMP are investigating the incident. The Incident Command Post (ICP) was stood up November 19. CME is the responsible party, and CCG the lead agency. November 26, the vessel was pumped out, refloated and towed to Sambro government wharf. 2 CCG personnel will remain onboard at all times for security.

Update: Vacuum trucks have removed water and CME has confirmed all fuel tanks have been pumped. CME and an independent contractor have conducted an inspection of the marine rail way and cradle and confirmed its integrity. Vacuum trucks will proceed to pump out the hydraulic tanks. CME will assess the main engines to establish the level of operability.

ER – VESSEL SUNK AT WHARF – CORNERBROOK, NL

Recap: On November 6, 50-ft pleasure craft **Beverly Gae** sank at the wharf in Cornerbrook, NL. CCG ER removed recoverable pollutants. CCG ER working to develop a plan to tow vessel to deconstruction site to eliminate threat pollution [REDACTED]

Update: Tug arrived in Summerside 28/1230. Tug crew completed an assessment and secured propeller shaft. CCG ER personnel discussed plan with tug operator, ETD the morning of Saturday, December 01, pending weather and sea state. Tugs intended route – Corner Brook to Port Saunders.

ER – BARGE AGROUND – BEAUHARNOIS CANAL, QC

November 27 at 0930EST, tug Wilf Seymour reported their barge Alouette Spirit aground in the St. Lawrence Seaway following loss of steering. Tug confirmed no pollution and a small ingress of water was reported in a port bay. Cargo on the barge is aluminum and the tug and barge were in transit from Sept-Îles, QC to Oswego, NY.

Update: Two re-floating plans have been analyzed. Steering gear checks are required and one additional tug has been requested for assistance for the re-floating if the steering gear is not functional by the time of the re-floating. Re-floating is scheduled for November 29 at 1230.

ER – SEAROSE FPSO CRUDE OIL SPILL – OFFSHORE NL

Recap: November 16, the SEAROSE FPSO (Floating Production, Storage, and Offloading) reported losing approximately 250m³ of crude oil. CCG ER contacted C-NLOPB (Canada-Newfoundland and Labrador Offshore Petroleum Board), the Lead Agency, who is working with the owner/operator, Husky Energy. A ROV survey identified the source of the release as a disconnected weak link. Several overflights have found no signs of the crude oil release, some oiled birds have been identified and treated. 83m³ of crude oil remains in the line. Anticipated timeline is 2-3 weeks (mid-December) for development of a response plan and repair solution for the damaged pipe.

Update: No new updates from the board and no new CCG resource agency requests or anticipated at present time. Next SITREP will come when there is a significant change or event.

CLOSED – 1

ER – VESSEL SUNK AT WHARF – BONAVIDA, NL

Recap: November 22, 30 ft pleasure craft **Arch's Pride** was sank at wharf in Bonavista with an unknown amount of fuel on board. [REDACTED] CCG ER assumed command and control of incident. [REDACTED] Sorbent boom placed around the vessel and site being monitored.

Update: Vessel has been successfully refloated and removed from the water. The vessel is currently stored at the Marine Haul Out Center in Bonavista, NL.

CCG ASSETS

1. **Martha L. Black (AtoN)** – Hamilton, ON. RTS updated to December 9. Drydock delay. Impact: Delay to Aids to Navigation decommissioning program for commercial buoys.
2. **Caporal Kaeble V.C. (MSET)** – Missing 2nd engineer. IRB also non-operational as recovery system certificate has expired. Impact: Minimal as vessel was transiting to Burlington for winterization. RTS: December 1.
3. **Île Saint-Ours (AtoN)** – Windsor, ON. The vessel experienced a blackout and steering gear issues. The vessel was not under command for a short period but has since got both engines running and the steering back on. The Cape Dundas has been tasked to escort the vessel to CCG base in Amherstberg, ON. RTS Unknown. Impact unknown.

Kimberly Green

Operations Officer | Agent des opérations

National Command Centre (NCC) | Centre de commandement national (CCN)

Maritime Security (MARSEC) | Sécurité maritime (MARSEC)

Canadian Coast Guard | Garde côtière canadienne

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LeBlanc, Brian (Acting AC, Atlantic Region)

From: MSOC-East / COSM-Est (DFO/MPO)
Sent: November 28, 2018 10:07 AM
To: DFO.F CCG Nat Incidents / Incidents Nat GCC F.MPO
Subject: Incident SITREP #011, ER, FPSO Sea Rose - 250 Cubic Meters Crude Oil Spill

Incident SITREP #011, ER, FPSO Sea Rose - 250 Cubic Meters Crude Oil Spill

1. CCG Region/Incident Name: Sea Rose FPSO release estimated at 250 cubic meters of crude
 2. Incident Category/Type: Marine ER Type 4
 3. Date/Time: November 28, 09:00hrs
 4. Primary Department(s)/Agency(s): C-NLOPB
 5. Supporting Departments/Agencies: ECCC, CCG, CWS
 6. Regional Location: Atlantic
 - a. Province/Territory: Newfoundland and Labrador
 - b. City: N/A
 - c. Amplifying location: Sea Rose FPSO, White Rose Oil Field.
 7. Current Situation: The C-NLOPB is continuing to investigate the incident. ECCC- NEEC remains in close daily contact with the C-NLOPB. Daily ROV inspections by Husky continue on the weak link and all subsea connections. Daily monitoring for signs of oil on the surface at the location of the November 16th release continue. No new reports of surface oil reported and no new observations of oiled wildlife. CCG remains in close contact with the board to provide assistance. The board and CCG have received the response plan from Husky. No new updates from the board and no new CCG resource agency requests or anticipated at present time.
 8. Actions Taken: CCG remains in close contact with the board to provide assistance as required.
- Current Actions (other): Husky's plan encompasses both subsea and surface monitoring. The development of four tactics was necessary because weather and sea-state would compromise any single tactics validity. The tactics and environmental conditions under which they will be executed are:
- 1) Subsea monitoring using an ROV will be completed for 15 minutes daily when sea conditions are within ROV deployment parameters. Any day that sea conditions permit monitoring a monitoring report will be provided.

- 2) Contracted Offshore Supply Vessel(s) operating within the field will (during hours of daylight) complete a minimum of two surface monitoring sweeps of the area around SWRX for indications of oil release to the surface. All vessel surveillance activities will be recorded in the ship log.
- 3) Satellite and pollution surveillance airplane management have been notified of the location and potential for secondary spill from SWRX. Husky's Oil Spill Response organization, Eastern Canada Response Corporation (ECRC) has requested that any surface anomalies detected during normal tasking of these resources and identified as being within the calculated slick drift area of SWRX be reported to Husky for immediate investigation.

Oil Spill Response:

If monitoring of SWRX indicates another spill has occurred, Husky will enact its Oil Spill Response Plan (EC-M-99-X-PR-00026-001). As per the Oil Spill Response Plan, our tier 1 capability is suitable for releases with oil at risk up to 200m³. In addition to the Tier 1 capacity Husky maintains in the White Rose field, we will also maintain a SVSS on board a supply vessel in the field.

The Maersk Detector will provide a sustained presence in the White Rose Field for the second SVSS. Husky will provide a daily summary report of monitoring operations and their results.

9. Media/Public Communications: High media interest.

10. Activities Next 24 Hours: CCG ER will remain in close contact with C-NLOPB to assist with any Resource Agency requests as required.

11. Environmental Factors: Weather on site could possibly affect aircraft or vessel surveys.

12. Significant Issues: N/A

13. Personnel Status: 3 CCG ER Personnel

14. Equipment Status: Industry – Surveillance Aircraft (PAL), three OSV's – Skandi Vinland ROV Operations on site for subsurface assessment, Maersk Dispatcher – Wildlife Observer and Spill Surveillance, Atlantic Hawk – Safety Stand-by and regular surveillance sweeps.

15. New Requirements: N/A

16. Command Assessment: Continue to monitor incident for further developments and respond to any requests for support from C-NLOPB as required.

17. Next SITREP: When there is a significant change or event.

Maritime Security Officer / Agent de sécurité maritime Canadian Coast Guard / Garde côtière canadienne Marine
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